



Fisheries and Oceans
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**Quebec Marine
Fisheries**

1998 Highlights



Quebec Marine Fisheries

100-06515/

1998 Highlights

Statistics Service in collaboration with
The Policy and Economics Branch
Department of Fisheries and Oceans
Quebec (Quebec)
G1K 7Y7

March 2000

Published by:

Statistics Service in collaboration with
The Policy and Economics Branch
Department of Fisheries and Oceans
Quebec (Quebec)
G1K 7Y7

@ Minister of Supply and Services
Canada 1998
Catalog No Fs23-358/1998-1E
ISBN 0-662-28984-6

Correct citation for this publication:

Department of Fisheries and Oceans. 2000.
Quebec Marine Fisheries - 1998 Highlights, 33 p.

Foreword

The Laurentian Region Statistics Service has put together "Quebec Marine Fisheries: 1998 Highlights" to provide a general overview of all the Quebec fisheries. This supplement is not intended to replace our Annual Statistical Review, but to be consulted in conjunction with it. We feel that this supplement will provide clients with an easy-to-use, accessible source of information about the main points of interest concerning the industry. Being an overview, it contains only the essentials, and we encourage you to refer to the Annual Statistical Review for more detailed information.

This publication is divided into two parts. The first presents a statistical summary of the main indicators of the fishery workforce and resources. A series of tables shows the changes in catches of the four main species landed in Quebec between 1994 and 1998. To provide a broader picture of the fishing industry, we have incorporated information on all the Atlantic provinces. The second section outlines the changes in average landings of the largest Quebec fleets for the years 1992 to 1998. Please see p. 81 of the Annual Statistical Review for an explanation of the method used to define the composition of each fleet.

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Statistic summary

**Work force and resources sector-based distribution in 1998
for the laurentian region**

Sectors	Number of fishermen	Number of active fishermen in Quebec	Number of registered vessels	Number of active vessels in Quebec	Active quebec vessels in Quebec	Number of commercial fishing licences	Number of buyers	Maximum number of employees
St-Lawrence	91	28	34	18	18	-	6	30
North-Shore	1 237	889	598	410	371	1 929	29	1 227
Gaspe Peninsula	1 739	1 256	607	538	492	2 322	65	1 701
Magdalen Islands	1 177	908	417	414	396	1 746	18	805
Others	10	20	21	1	1	-	12	20
Total	4 254	3 100	1 677	1 345	1 243	5 997	130	3 783

Landing sector-based distribution in laurentian region in 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

<i>Main species landed</i>	Gaspe Peninsula		North-Shore		Magdalen Island		Quebec Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	1 155	1 115	612	555	324	287	2 092	1 957
Redfish	53	24	26	9	102	118	180	150
Greenland Halibut	2 530	4 267	692	1 077	†	°	3 227	5 351
Herring	2 016	329	253	100	3 727	638	6 019	1 071
Scallops	599	854	1 753	3 195	355	881	2 661	4 877
Lobsters	1 029	10 550	94	938	1 926	18 003	3 048	29 491
Shrimps	13 208	20 941	1 896	2 873	-	-	15 104	23 817
Snow Crabs	4 544	12 103	4 857	13 376	943	3 169	10 344	28 647
All species total	27 124	52 074	12 233	23 977	12 796	30 948	51 980	103 056

**IMPORTANT NOTE CONCERNING THE FOLLOWING
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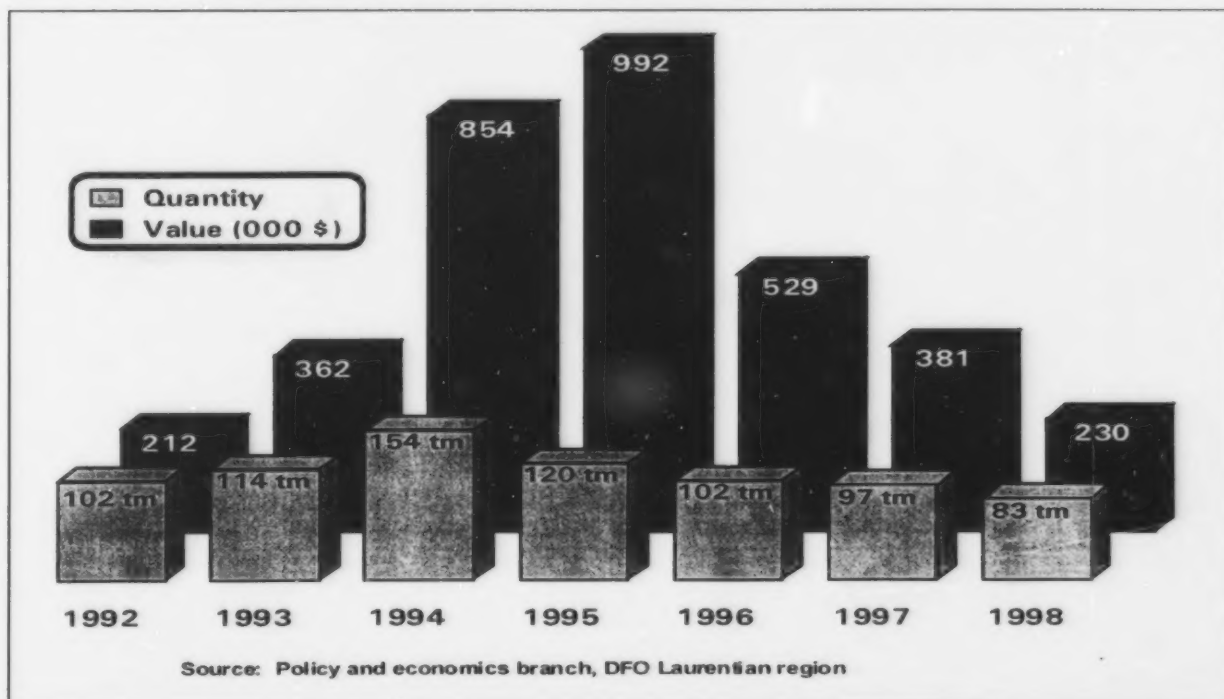
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CRABBERS, AREA 12

Evolution of average landing, 1992 to 1998



Crab landings by area in laurentian region

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

FISHING ZONES	1994		1995		1996		1997		1998	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
12	7 121	39 986	5 527	46 409	4 459	24 427	4 436	17 652	3 765	10 674
13	536	2 045	685	3 776	1 032	3 346	707	1 830	720	1 677
14	522	1 670	494	2 723	542	1 640	488	1 386	510	1 250
15	426	1 574	410	2 156	410	1 218	393	1 411	397	1 174
16	3 608	16 923	3 425	24 393	2 911	13 305	2 474	8 727	2 475	7 130
17	1 788	7 389	1 674	12 084	1 418	6 152	1 137	3 828	1 285	3 389
Gaspé North (exploratory)	118	519	196	1 358	181	799	181	679	212	538
Anticosti South (exploratory)	297	1 458	244	1 616	268	1 349	290	1 085	327	829
Anticosti East (exploratory)	243	889	194	1 066	203	605	204	752	193	558
Laurentian Channel (exploratory)	N/A	N/A	111	831	27	140	19	71	40	117
Cap Breton & MI (exploratory)	N/A	N/A	180	1 471	187	1 094	198	984	200	670
Newfoundland (exploratory)	N/A	N/A	11	68	183	593	76	178	S/O	N/A
Supplementary purchase slips	N/A	N/A	N/A	N/A	37	163	48	152	21	56
Temporary allocation	N/A	N/A	1 566	10 034	1 228	5 375	786	3 097	197	585
All Zones	14 660	72 452	14 717	107 984	13 084	60 205	11 436	41 833	10 344	28 647

Shrimp landings by shoal in laurentian region

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SHAOL	1994		1995		1996		1997		1998	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Sept-Iles	6 011	8 717	6 127	10 518	6 860	12 855	6 993	12 682	8 435	13 583
Sept-Iles Temporary allocations	N/A	N/A	N/A	N/A	N/A	N/A	629	1 052	N/A	S/O
Anticosti	3 399	4 150	3 317	5 450	3 684	6 907	3 763	6 657	4 645	7 269
Anticosti Temporary allocations	N/A	N/A	N/A	N/A	N/A	N/A	358	587	N/A	S/O
Esquiman	435	507	129	198	876	1 457	615	986	705	939
Estuary	512	945	496	1 081	509	1 070	509	1 032	647	1 171
Estuary Temporary allocations	N/A	N/A	N/A	N/A	N/A	N/A	50	66	N/A	S/O
Northern	N/A	N/A	N/A	N/A	N/A	N/A	58	98	672	852
All Shoals	10 357	14 319	10 070	17 247	11 929	22 289	12 974	23 159	15 104	23 814

Lobster landings by area in laurentian region

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

FISHING ZONES	1994		1995		1996		1997		1998	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
15	20	142	11	94	14	120	17	151	18	166
16	20	133	13	127	18	158	24	246	15	138
17	165	1 396	137	1 457	155	1 629	184	2 069	130	1 385
18	13	98	18	186	6	62	8	87	7	70
19	31	257	40	403	36	379	24	272	32	349
20A	480	3 713	641	6 423	651	6 085	371	3 727	531	5 391
20B	336	2 536	344	3 381	365	3 375	278	2 785	358	3 656
21	50	380	46	460	39	350	37	407	42	429
22	2 036	16 835	2 142	22 628	2 219	21 178	1 883	19 488	1 915	17 909
All zones	3 151	25 490	3 393	35 162	3 502	33 335	2 827	29 232	3 048	29 491

Scallops landings by area in laurentian region

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

FISHING ZONES	1994		1995		1996		1997		1998		
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
15	0	216 0	365 0	83 0	130 0	140 0	242 0	167 0	302	312	597
16A	0	31 0	57 0	- 0	- 0	- 0	- 0	9 0	12	105	126
16B	0	32 0	60 0	8 0	11 0	3 0	5 0	N/A 0	N/A	3	7
16C	0	16 0	23 0	91 0	89 0	218 0	205 0	131 0	168	139	164
⁽¹⁾ 16D East	0	N/A 0	N/A 0	N/A 0	N/A 0	N/A 0	N/A 0	473 0	849	N/A	N/A
⁽²⁾ 16E		N/A	N/A 0	N/A 0	N/A 0	N/A 0	N/A	N/A	N/A	475	915
⁽¹⁾ 16D West	0	N/A 0	N/A 0	N/A 0	N/A 0	N/A 0	N/A 0	65 0	125	N/A	N/A
⁽²⁾ 16D		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2	4
16D Total	0	634 0	1 186 0	528 0	859 0	570 0	877 0	538 0	975	N/A	N/A

Note: During years, some region fishery can be added or modified. That appears in table as "N/A" (Not Applicable)

Also, zones 17 and 18B don't appear for confidential reason.

Some modifications were made in 1998:

(1) Previous zones;

(2) New zones

Scallops landings by area in laurentian region

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

FISHING ZONES	1994		1995		1996		1997		1998	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
⁽¹⁾ 16E	182	327	237	304	54	69	55	92	N/A	N/A
⁽²⁾ 16G	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	111	125
⁽¹⁾ 16G	309	569	291	441	242	380	239	412	N/A	N/A
⁽²⁾ 16F	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	253	468
16H	132	188	21	28	19	27	40	53	14	27
18A	282	518	321	494	379	569	363	605	379	747
19	88	161	106	243	122	258	200	356	208	325
20	302	642	487	908	378	711	323	737	355	881
Northern	8	10	8	21	7	17	5	12	4	11
Supplementary purchase slips	19	36	177	173	197	237	14	235	9	143
All zones	2 436	4 423	2 496	3 943	2 485	3 896	2 331	4 368	2 711	4 941

Note: During years, some region fishery can be added or modified. That appears in table as N/A (Not-Applicable)

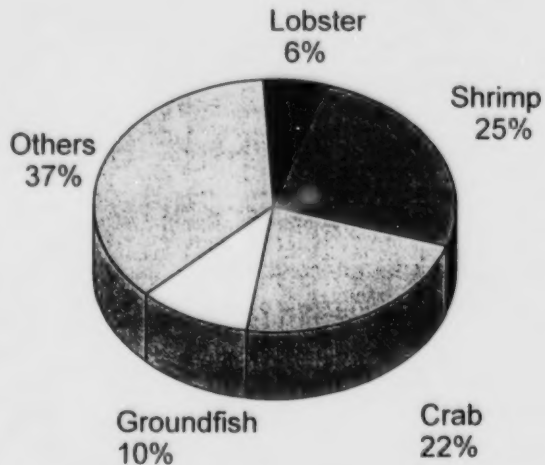
Also, zones 17 and 18b don't appear for confidential reasons.

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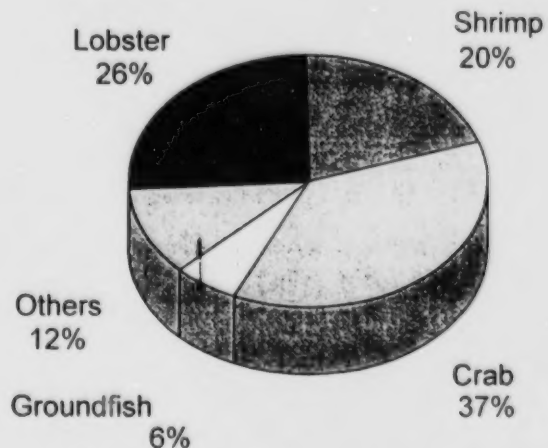
(1) Previous zones.

(2) New zones.

Landing quantity and value by species for Quebec fishery in 1998



Total 51 229 mt



Total 114 M\$

Source: Policy and economics branch, DFO Laurentian Region

Atlantic provinces landings in 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

Main species landed	NEW BRUNSWICK		NOVA SCOTIA		NEWFOUNDLAND		PRINCE EDWARD ISLAND	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	897	1 167	11 873	18 504	22 586	34 382	268	316
Redfish	-	-	15 349	9 269	10 235	4 917	-	-
Greenland Halibut	13	29	1 256	3 956	7 744	14 005	-	-
Herring	69 061	11 138	76 403	10 761	22 251	3 380	16 777	2 782
Scallops	2 913	6 894	48 793	68 881	6 908	11 175	1 431	3 272
Lobsters	7 835	75 197	18 959	232 491	2 365	18 986	8 500	81 173
Shrimps	4 758	6 986	23 946	72 478	59 025	126 401	-	-
Snow Crabs	6 718	26 515	4 910	15 652	52 642	101 918	612	2 415
All species total	114 677	143 249	297 752	541 997	257 753	353 434	57 671	118 788

Note: Landing quantity and value for Atlantic Provinces are preliminaries.

Landings by administratives regions in 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

<i>Main species landed</i>	NEWFOUNDLAND		MARITIMES		LAURENTIAN		ATLANTIC TOTAL (Quebec included)	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	22 586	34 382	13 038	19 987	2 092	1 957	37 716	56 327
Redfish	10 235	4 917	15 349	9 269	180	150	25 764	14 337
Greenland Halibut	7 744	14 005	1 269	3 985	3 227	5 351	12 241	23 341
Herring	22 251	3 380	162 241	24 681	6 019	1 071	190 511	29 132
Scallops	6 908	11 175	53 137	79 047	2 711	4 941	62 756	95 163
Lobsters	2 365	18 986	35 294	388 861	3 048	29 491	40 709	437 338
Shrimps	59 025	126 401	28 704	79 464	15 104	23 814	102 833	229 678
Snow Crabs	52 642	101 918	12 240	44 582	10 344	28 647	75 226	175 147
All Species	257 753	353 434	470 100	804 034	51 980	103 056	779 833	1 260 523

Note: Landing quantity and value for administratives regions are preliminaries



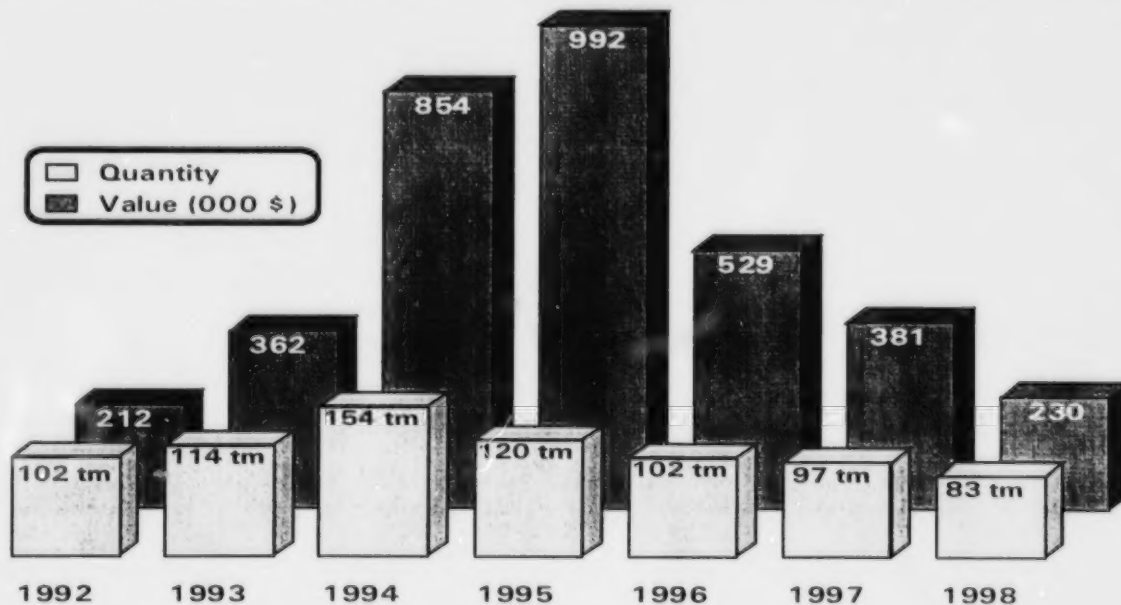
Quebec fleets portrait

Explicative note

Please note that the graphics in pages 15 to 33 include all species catch by fishermen (quantity and value). For more detail look at the annual statistics review.

CRABBERS, AREA 12

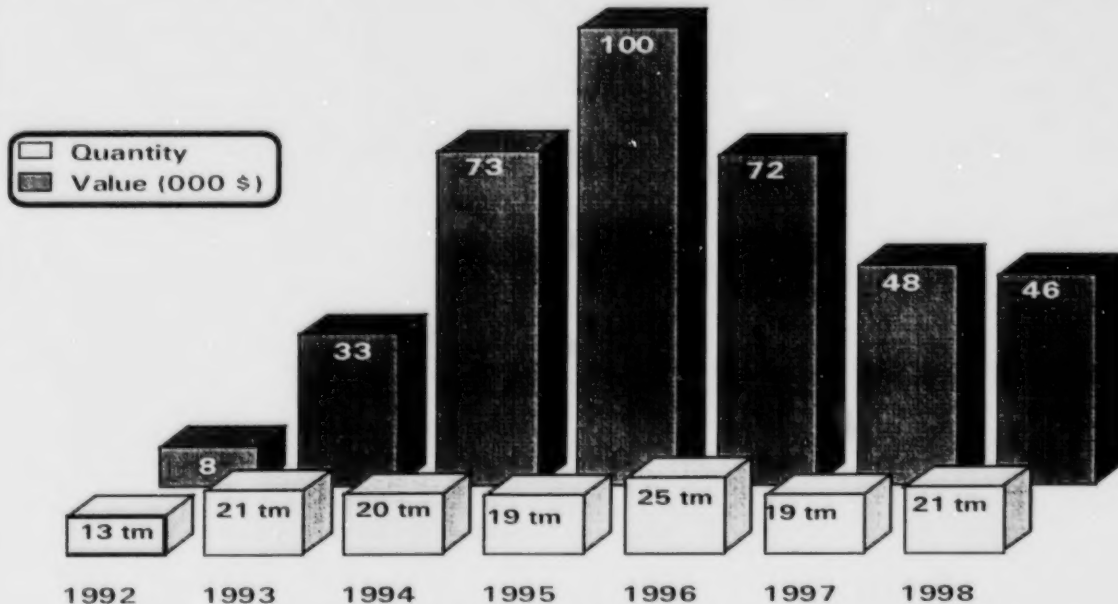
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

CRABBERS, AREA 13

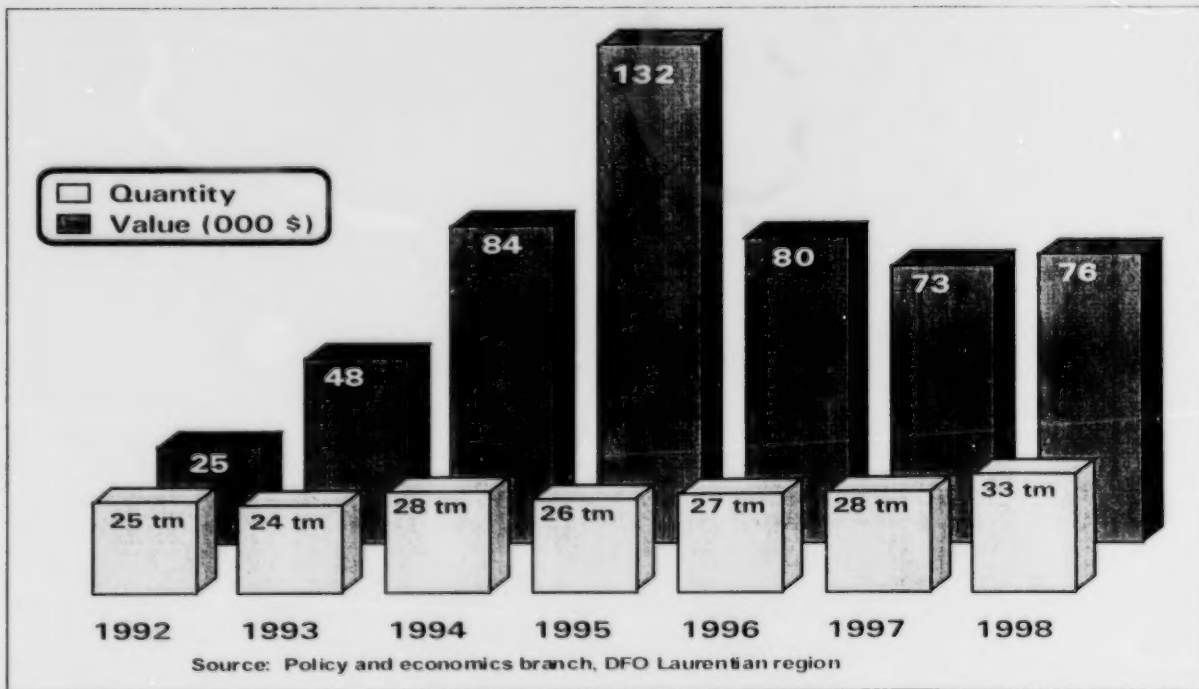
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

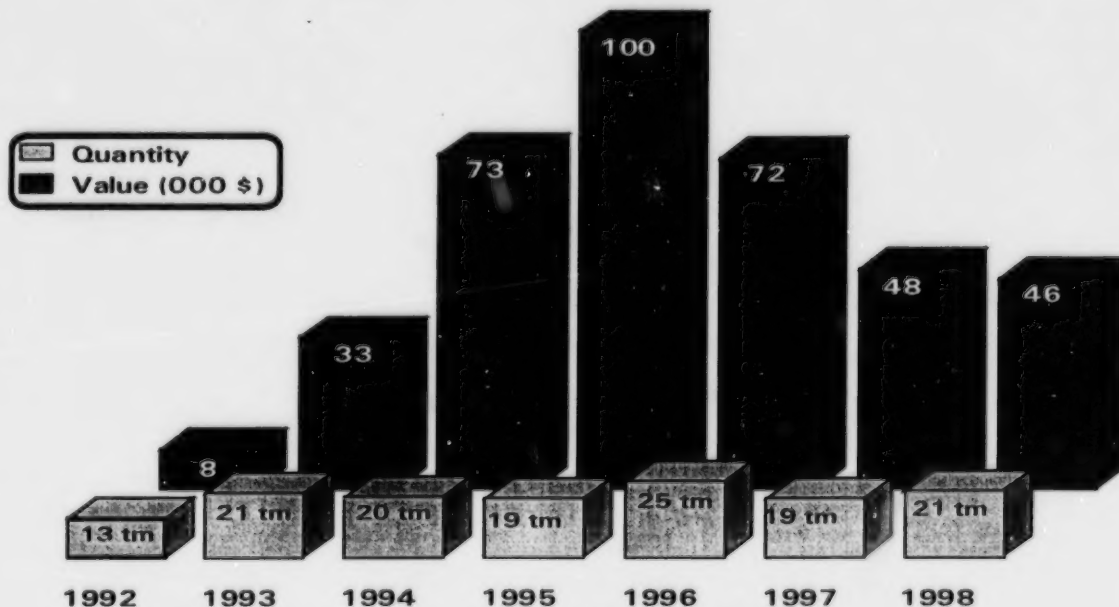
CRABBERS, AREA 14

Evolution of average landing, 1992 to 1998



CRABBERS, AREA 13

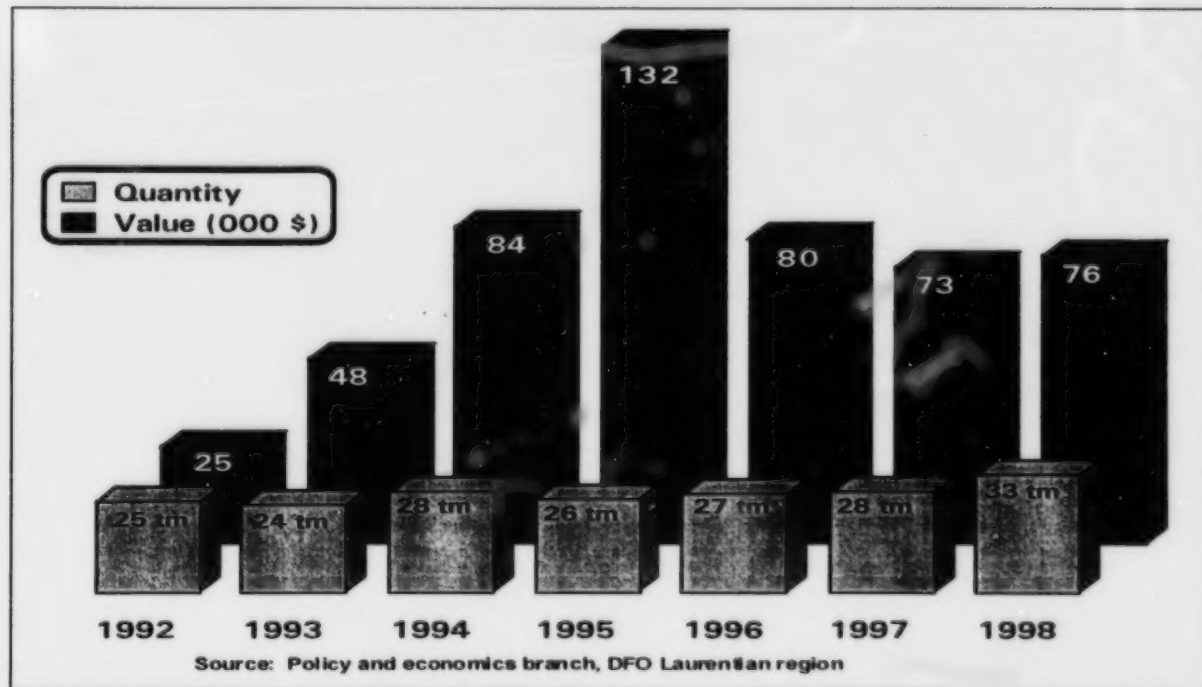
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

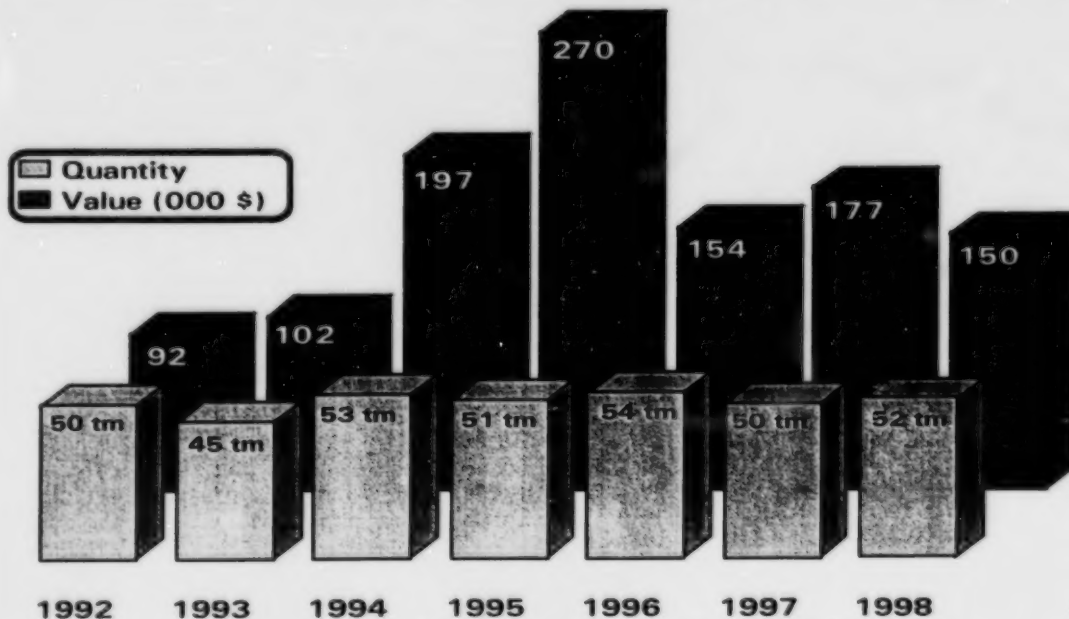
CRABBERS, AREA 14

Evolution of average landing, 1992 to 1998



CRABBERS, AREA 15

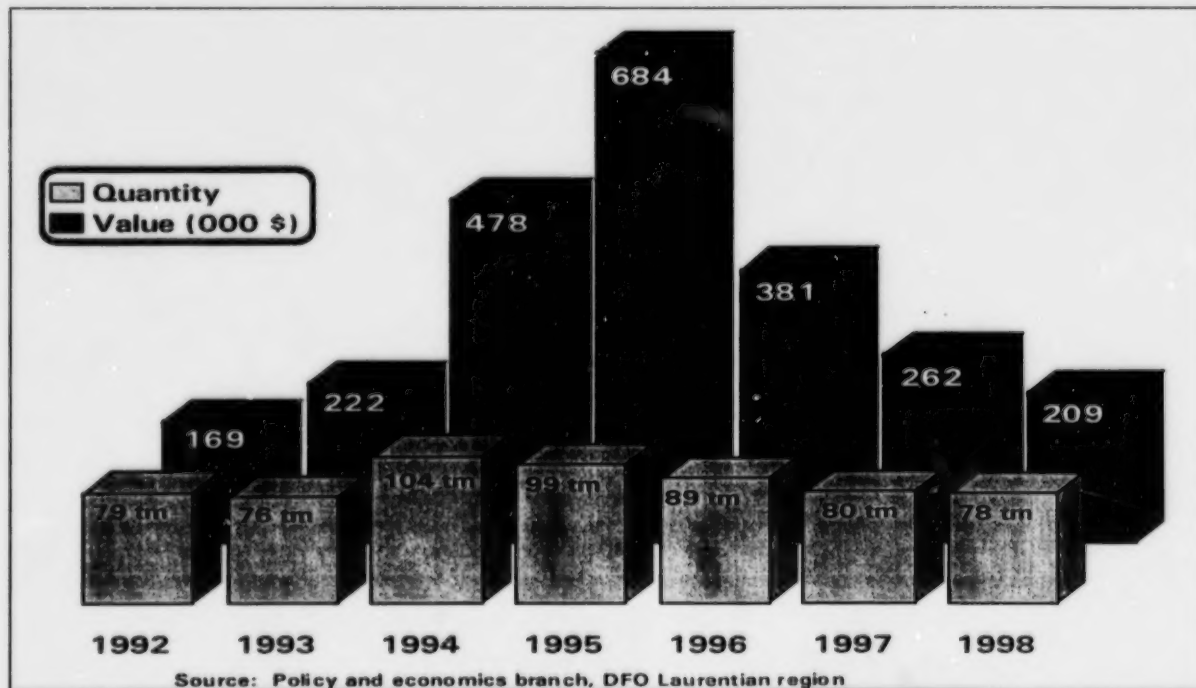
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

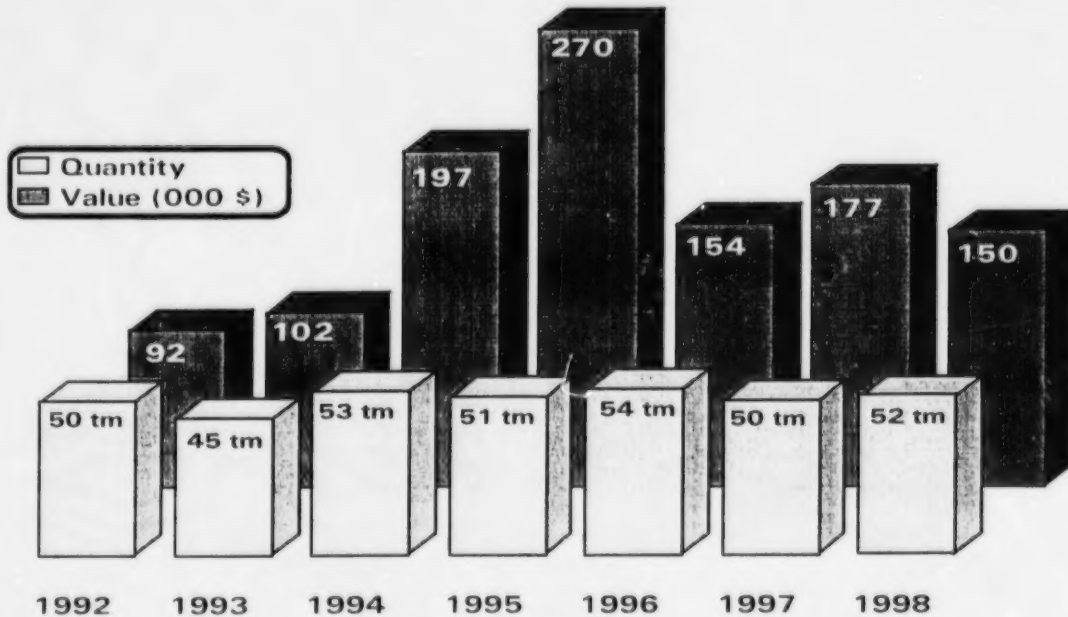
CRABBERS, AREA 16

Evolution of average landing, 1992 to 1998



CRABBERS, AREA 15

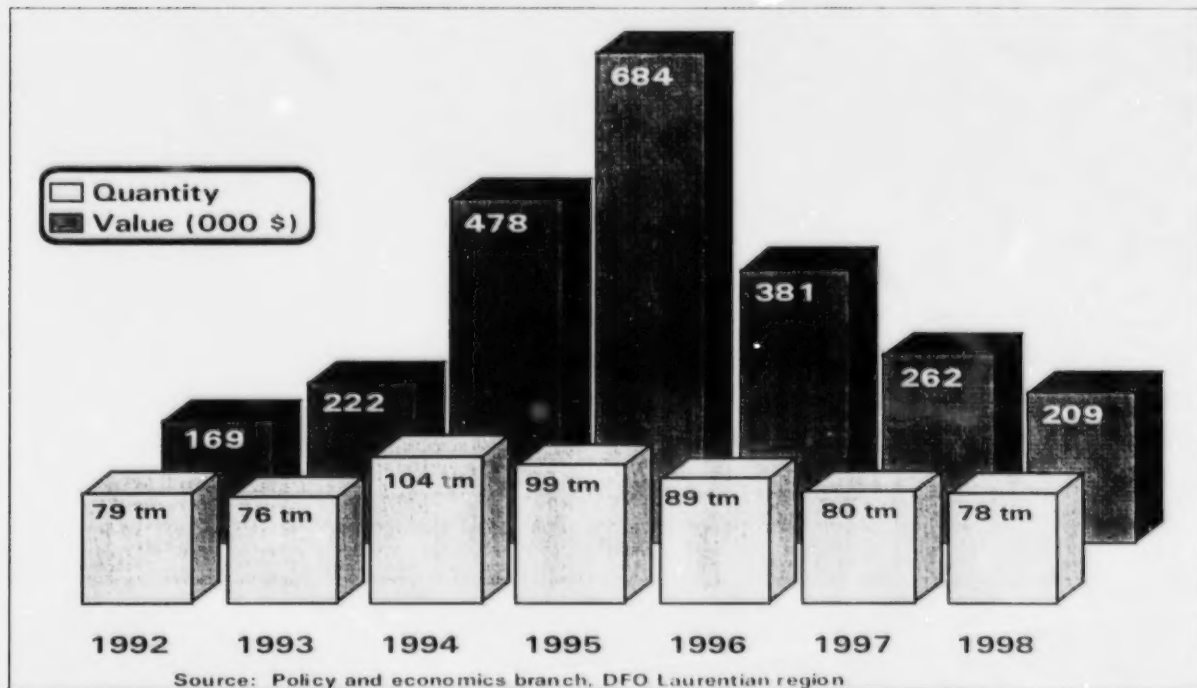
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

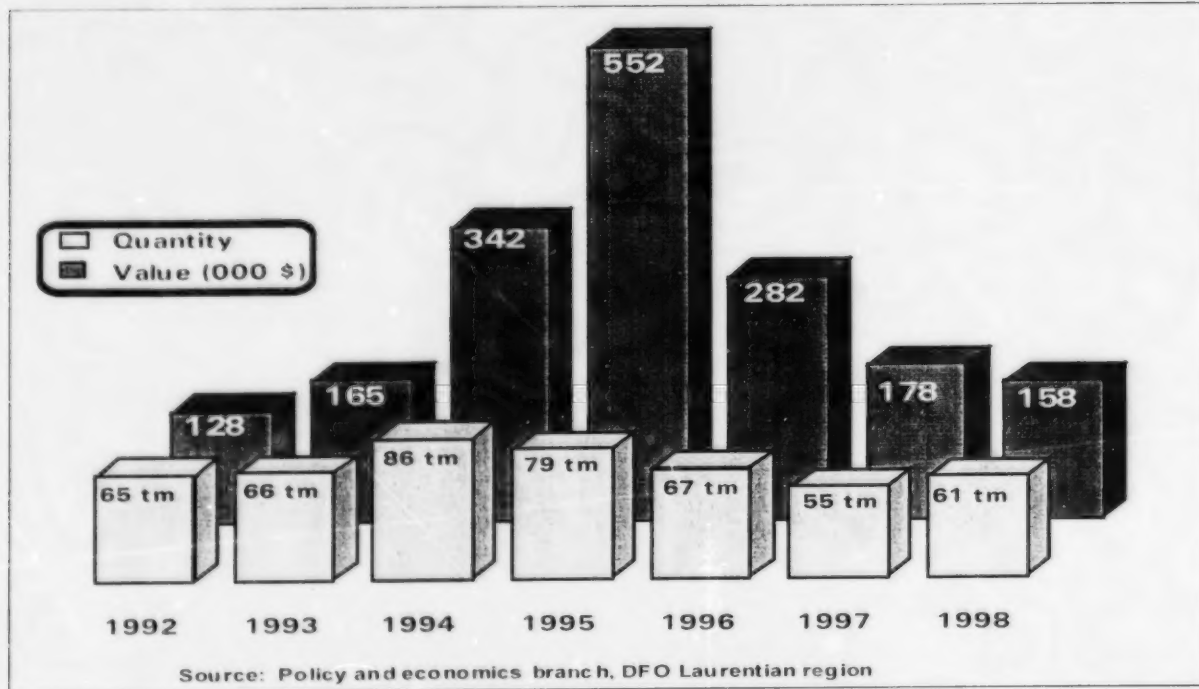
CRABBERS, AREA 16

Evolution of average landing, 1992 to 1998



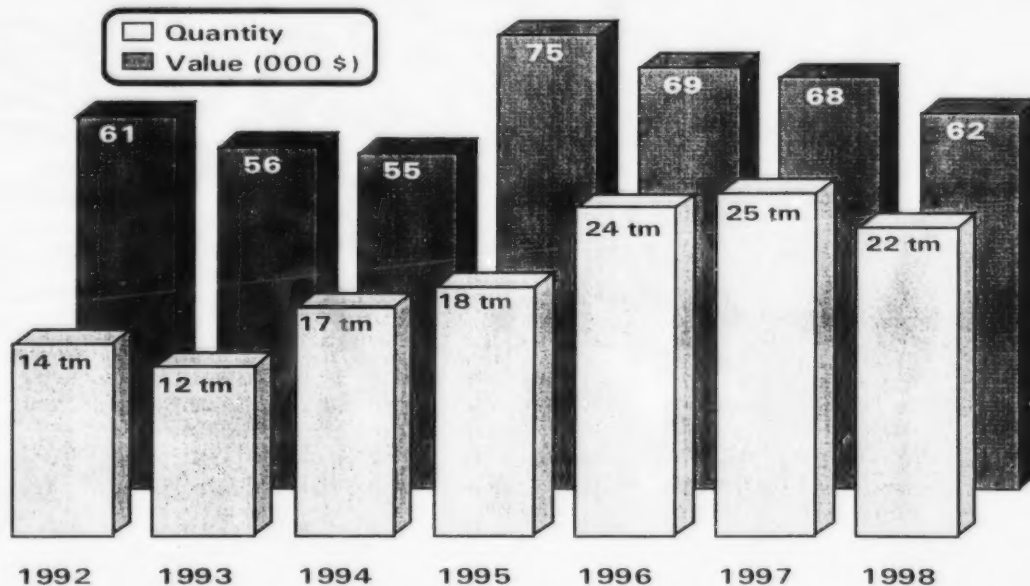
CRABBERS, AREA 17

Evolution of average landing, 1992 to 1998



MAGDALEN ISLANDS LOBSTER FLEET

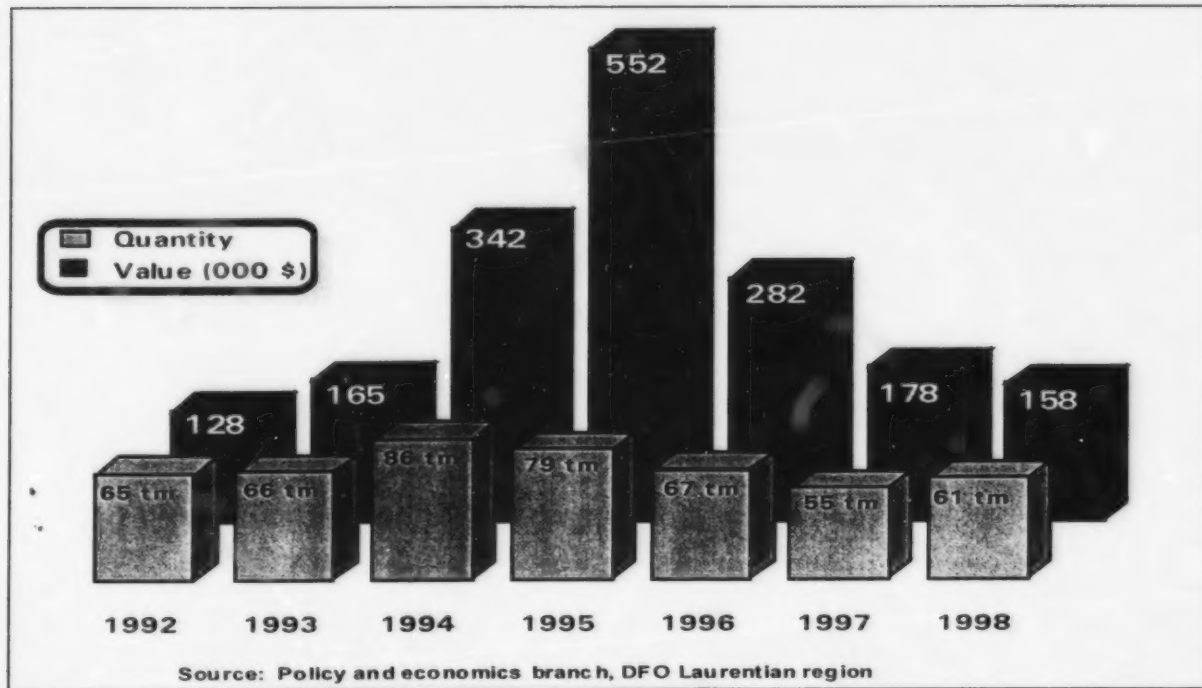
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

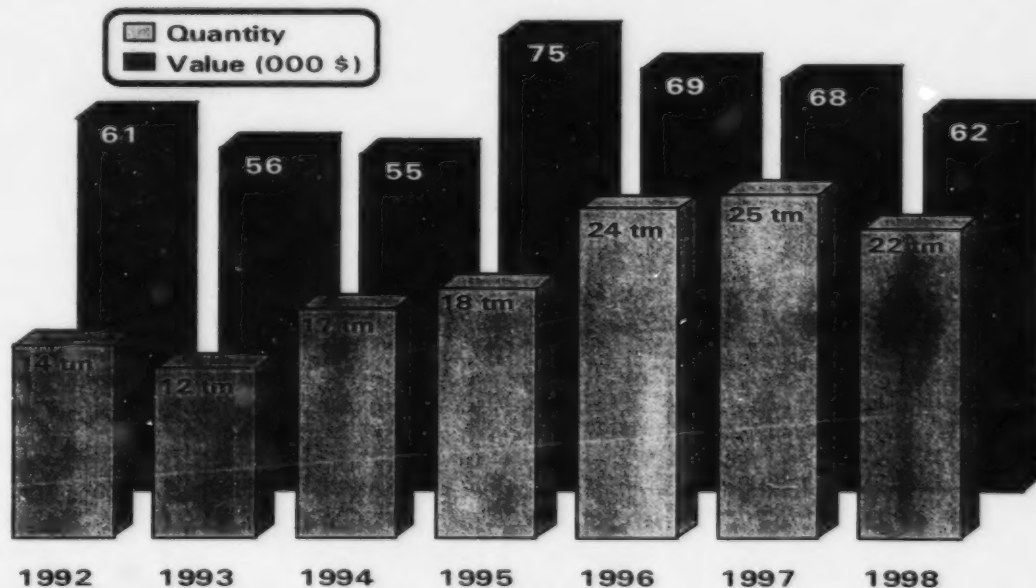
CRABBERS, AREA 17

Evolution of average landing, 1992 to 1998



MAGDALEN ISLANDS LOBSTER FLEET

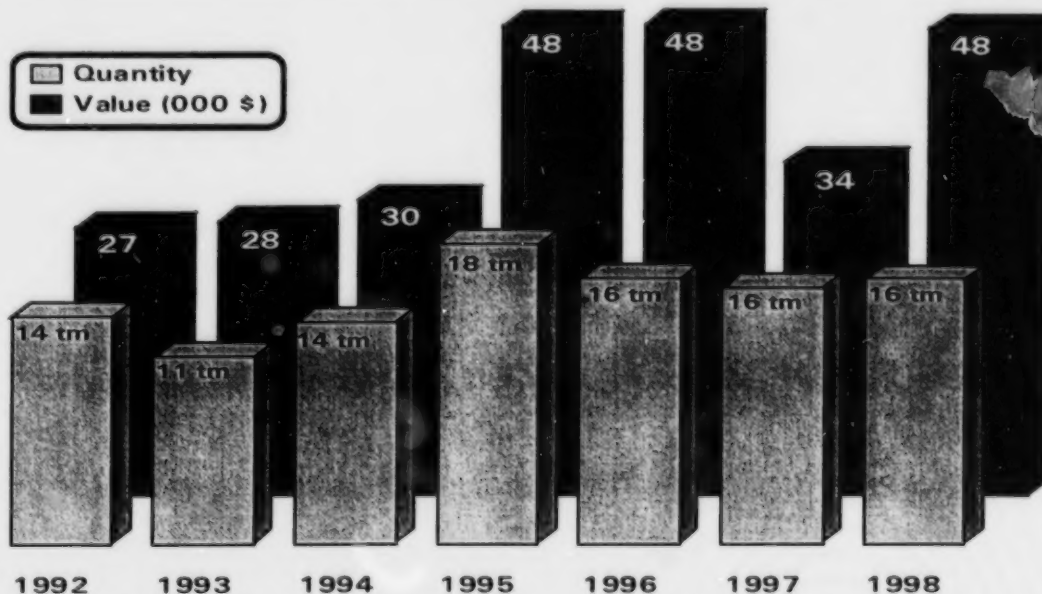
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

GASPE PENINSULA LOBSTER FLEET

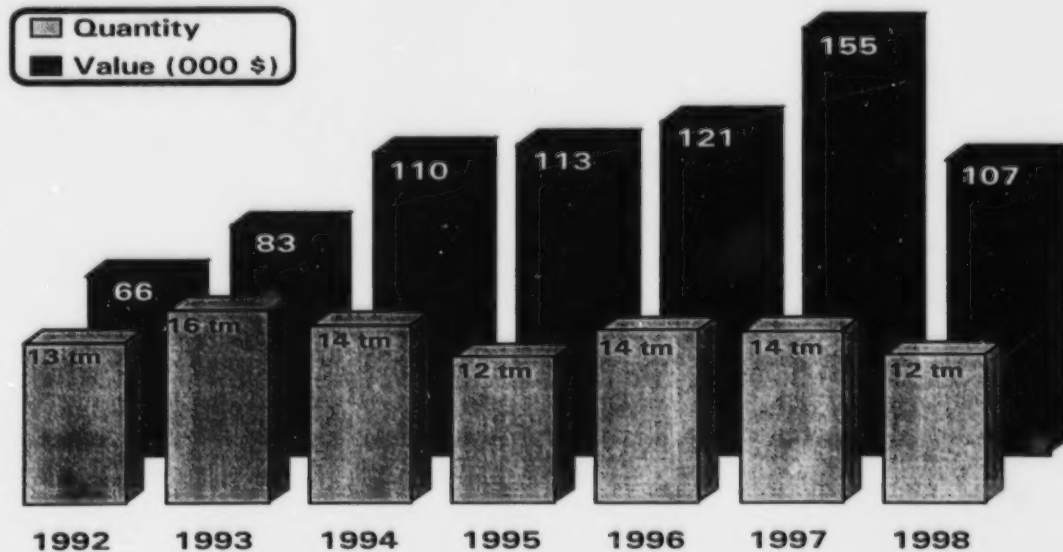
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

ANTICOSTI ISLAND LOBSTER FLEET

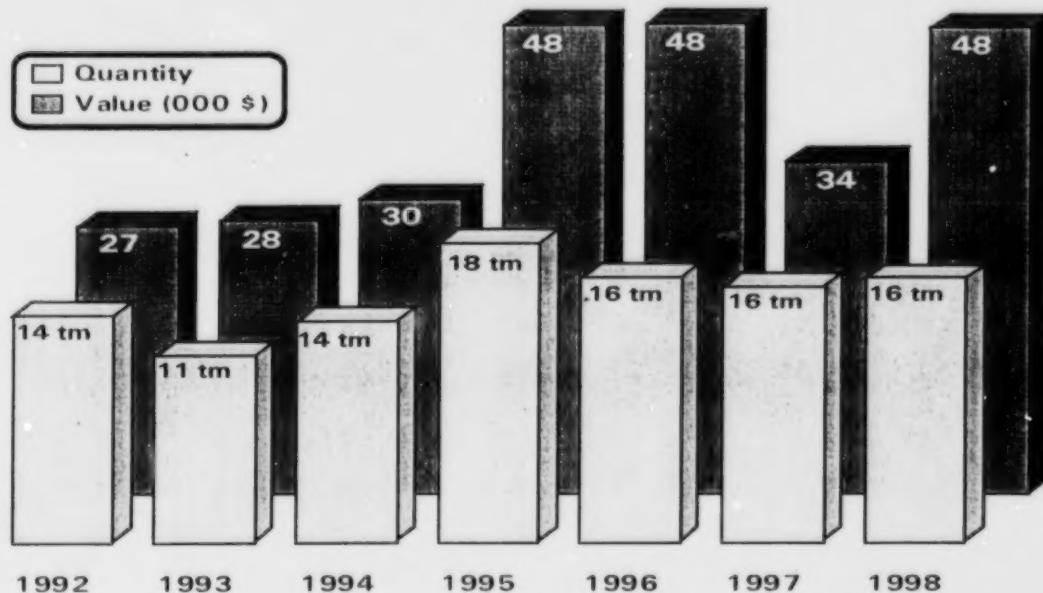
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

GASPE PENINSULA LOBSTER FLEET

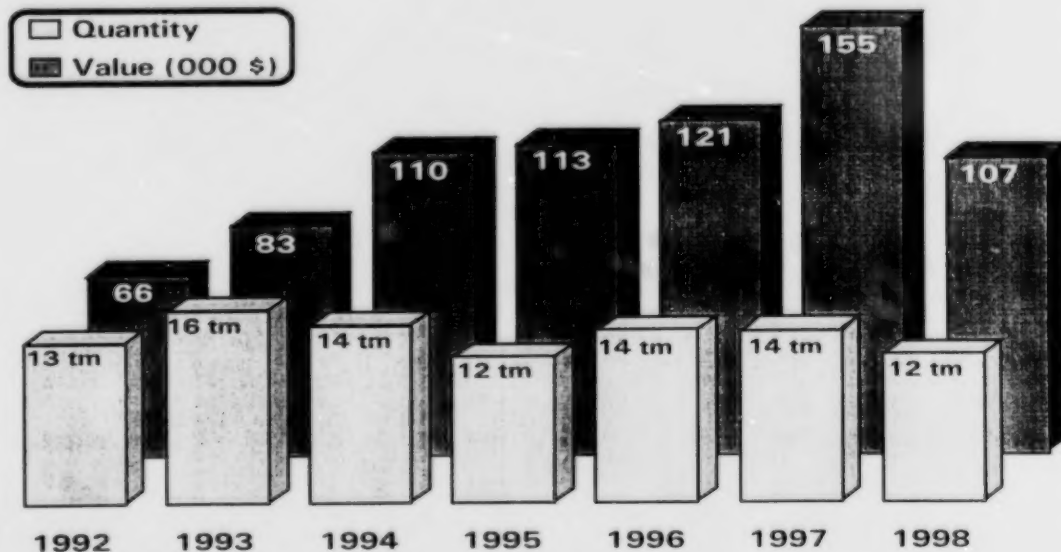
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

ANTICOSTI ISLAND LOBSTER FLEET

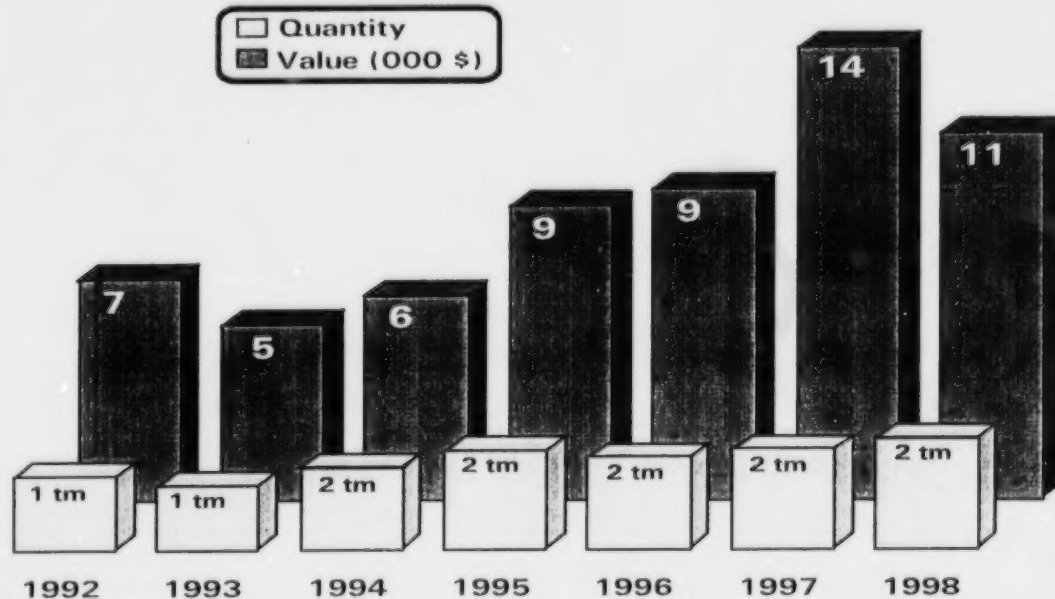
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

NORTH SHORE LOBSTER FLEET

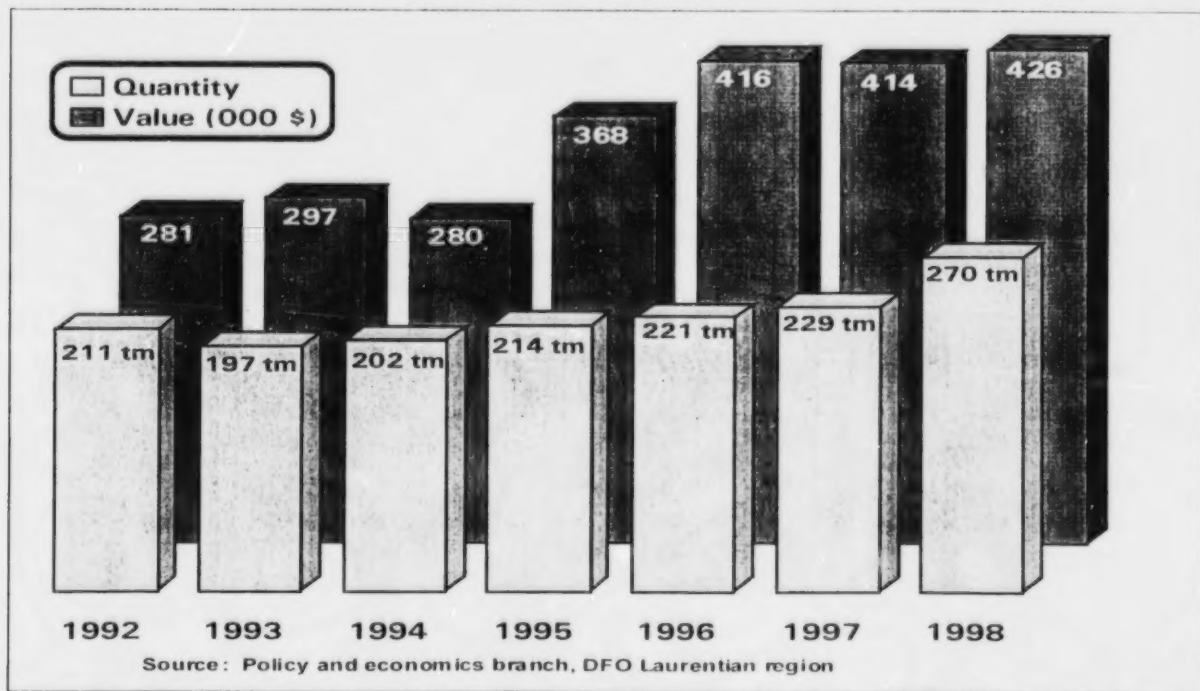
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

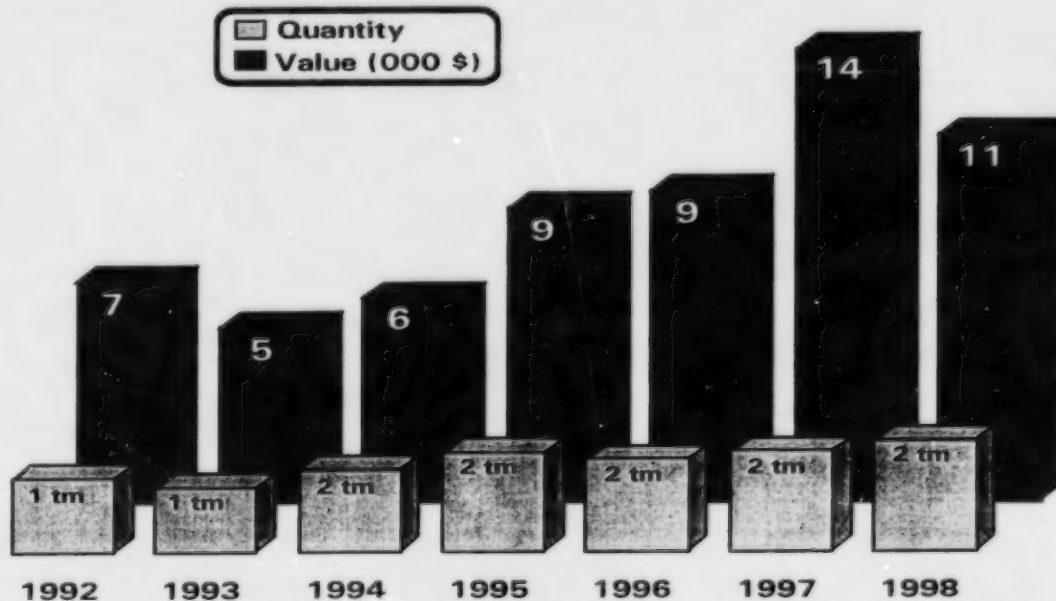
SHRIMPERS

Evolution of average landing, 1992 to 1998



NORTH SHORE LOBSTER FLEET

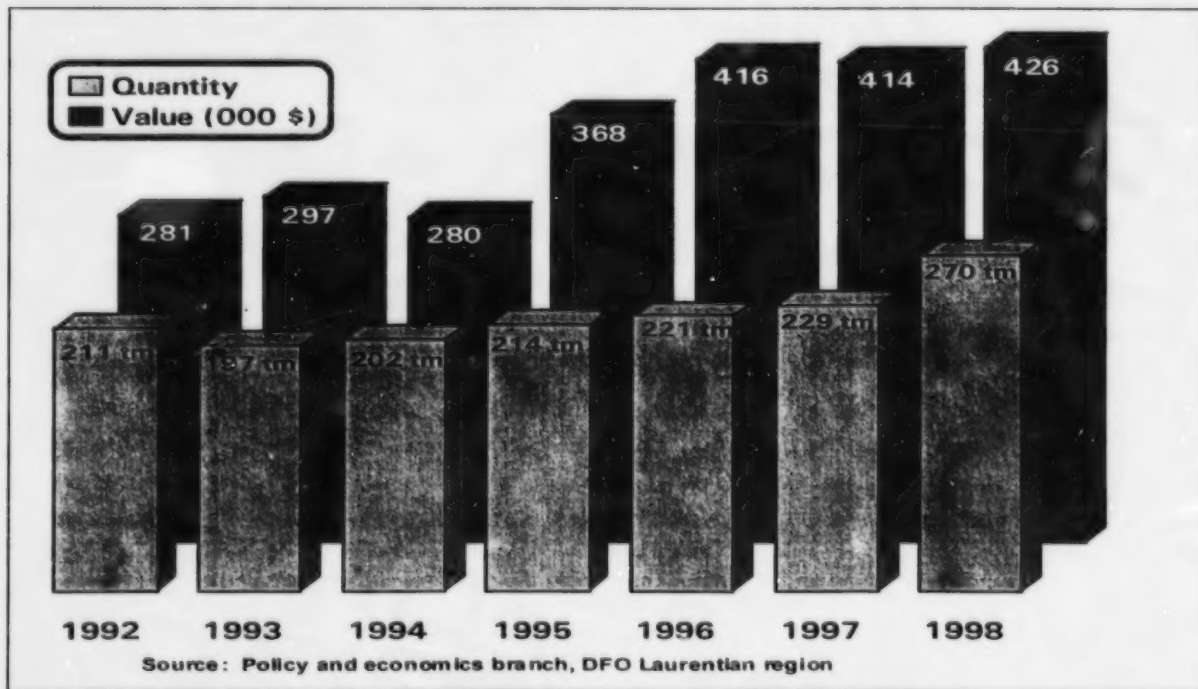
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

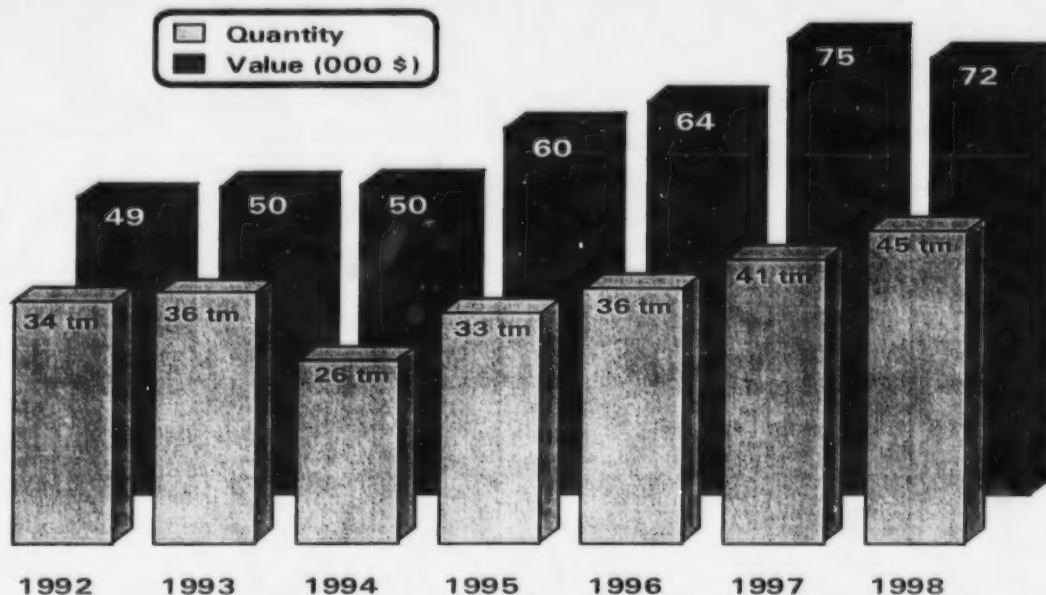
SHRIMPERS

Evolution of average landing, 1992 to 1998



SCALLOP FLEET, GASPE PENINSULA / MAGDALEN ISLAND

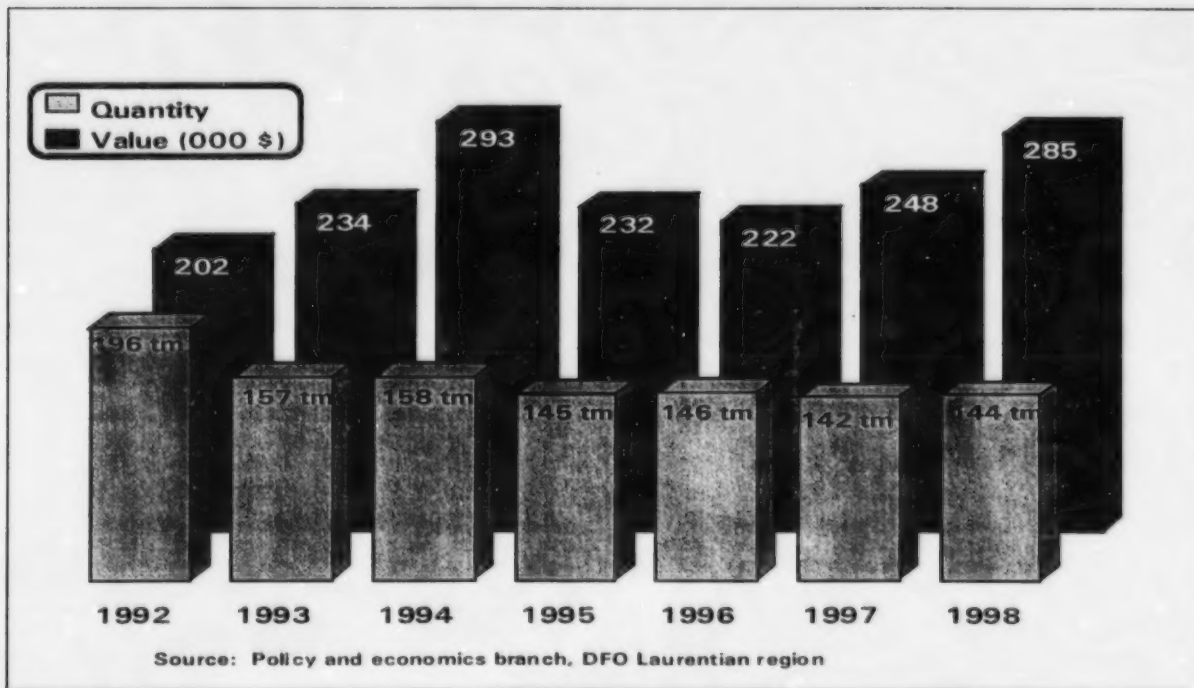
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

SCALLOP FLEET, AREA 16E*

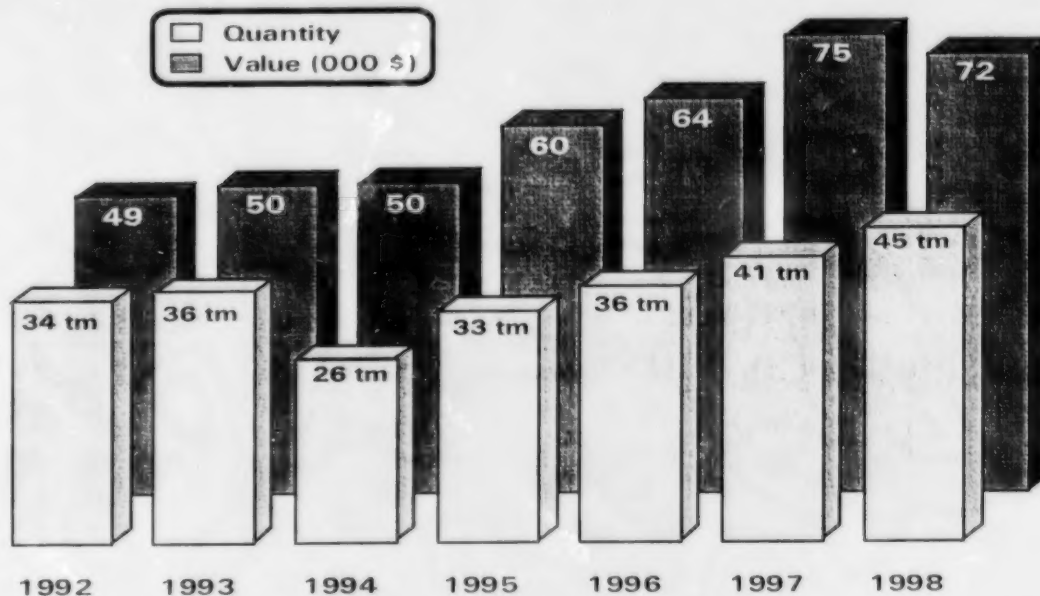
Evolution of average landing, 1992 to 1998



*: Zone 16E is the previous zone 16D.

SCALLOP FLEET, GASPE PENINSULA / MAGDALEN ISLAND

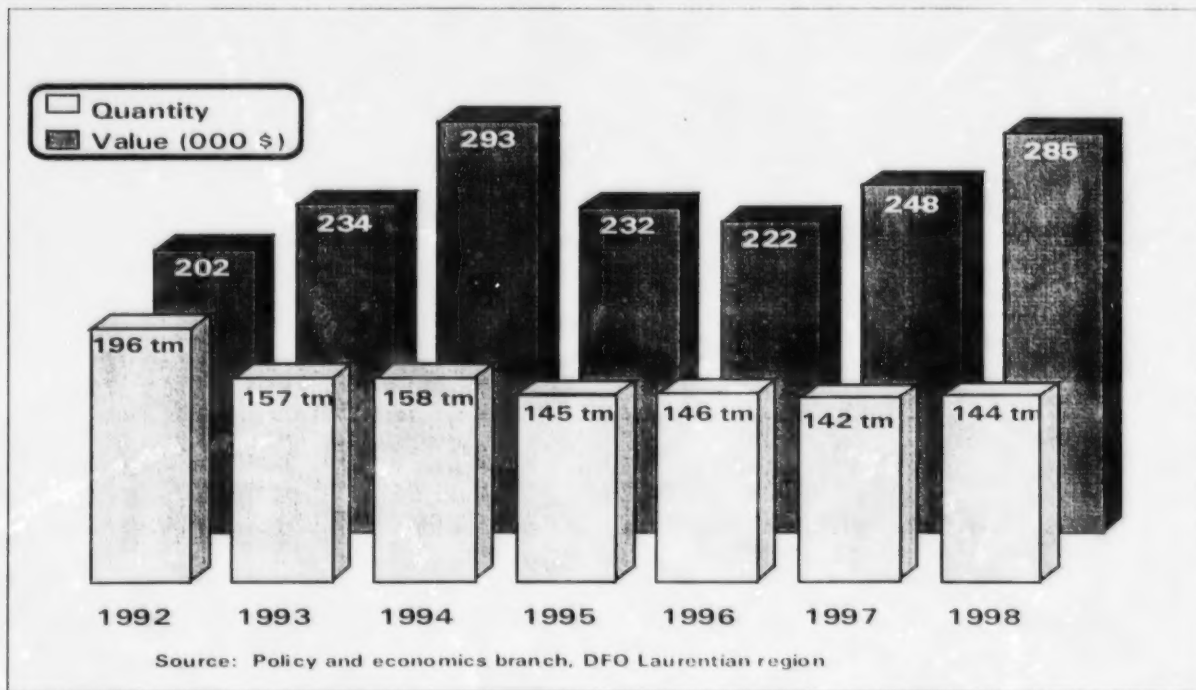
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

SCALLOP FLEET, AREA 16E*

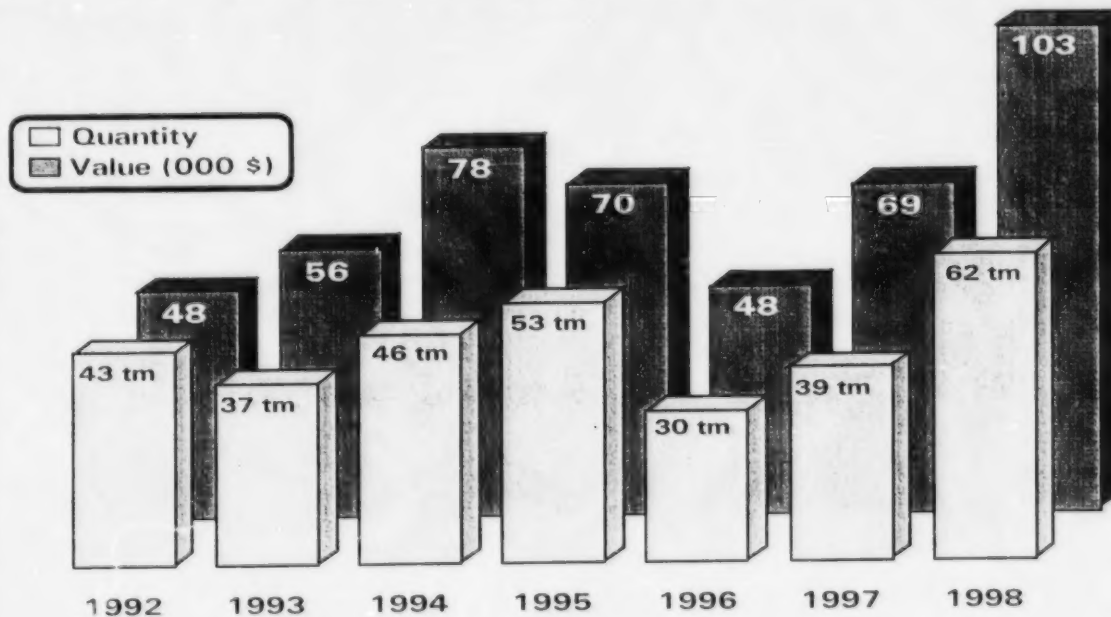
Evolution of average landing, 1992 to 1998



*: Zone 16E is the previous zone 16D.

SCALLOP FLEET, NORTH SHORE

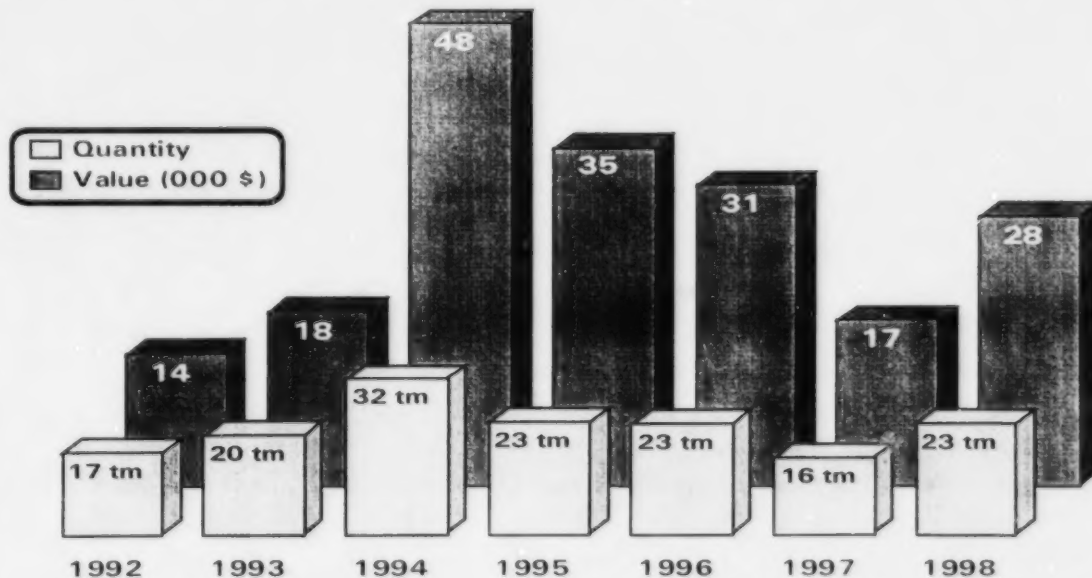
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

LOGLINERS UNDER 35 FT, GROUND FISH

Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region



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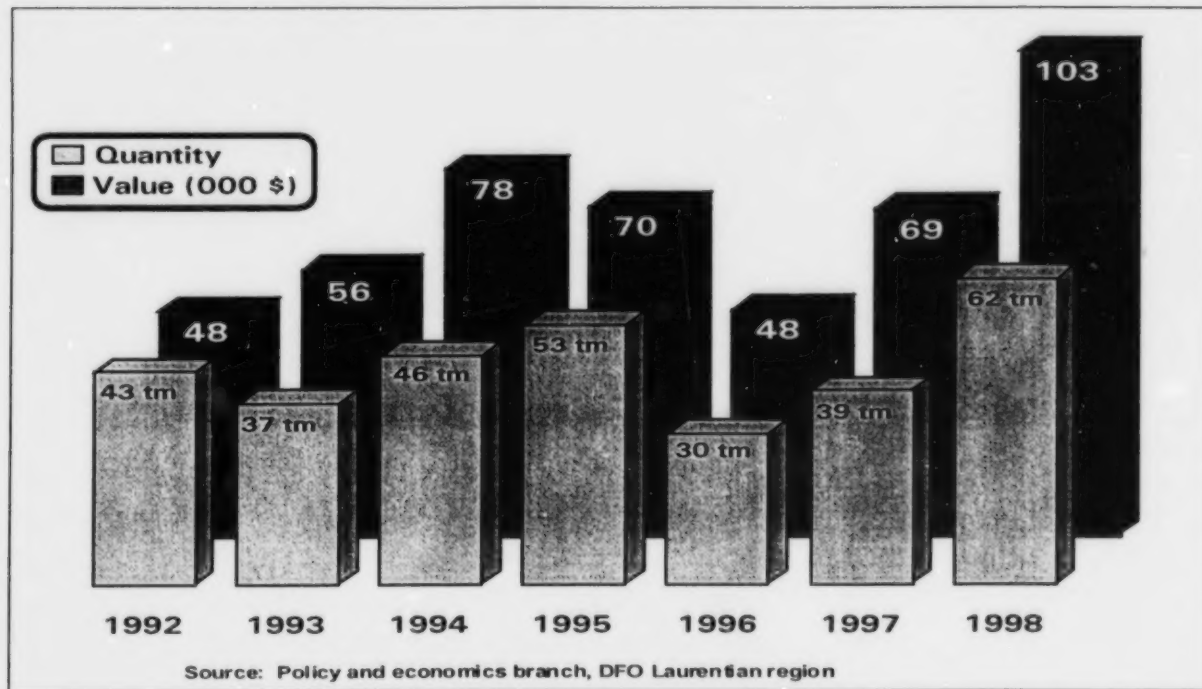
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March 2000

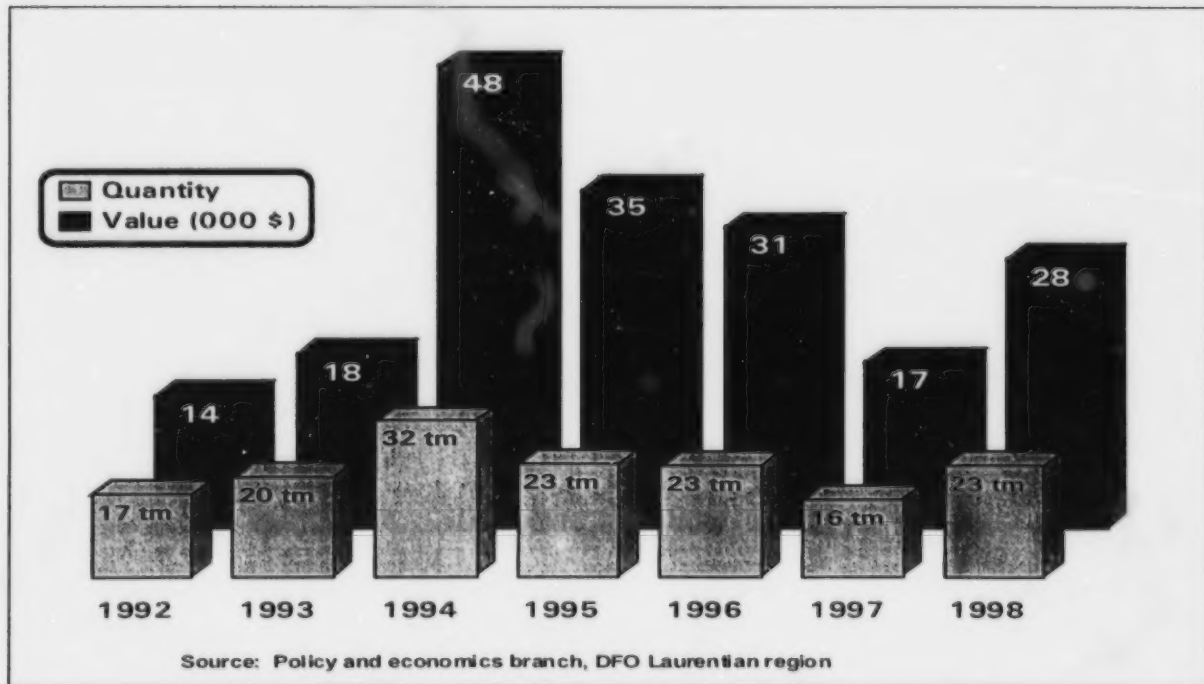
SCALLOP FLEET, NORTH SHORE

Evolution of average landing, 1992 to 1998



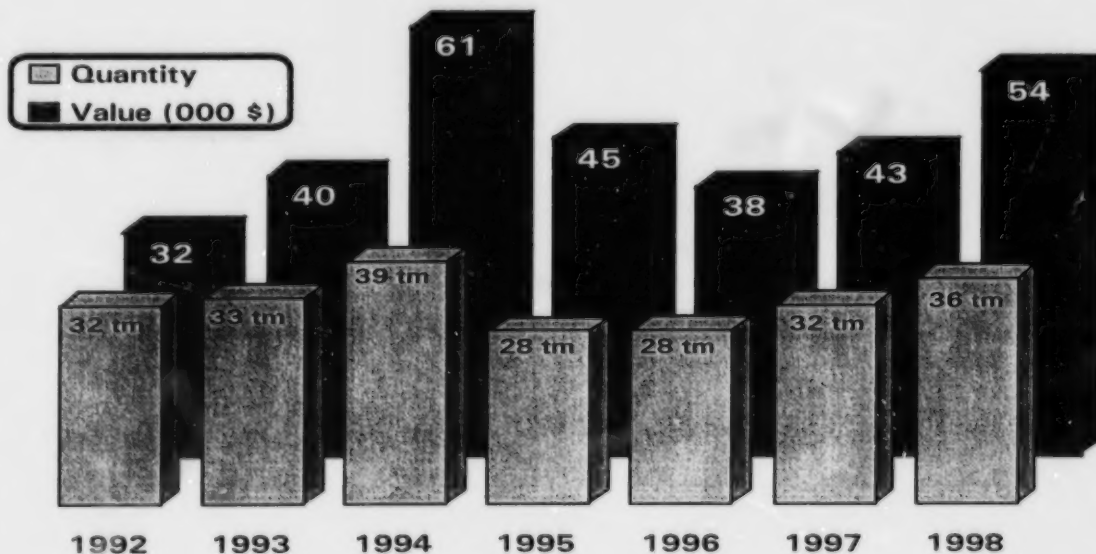
LONGLINERS UNDER 35 FT, GROUND FISH

Evolution of average landing, 1992 to 1998



LONGLINERS 35 TO 50 FT, GROUND FISH

Evolution of average landing, 1992 to 1998

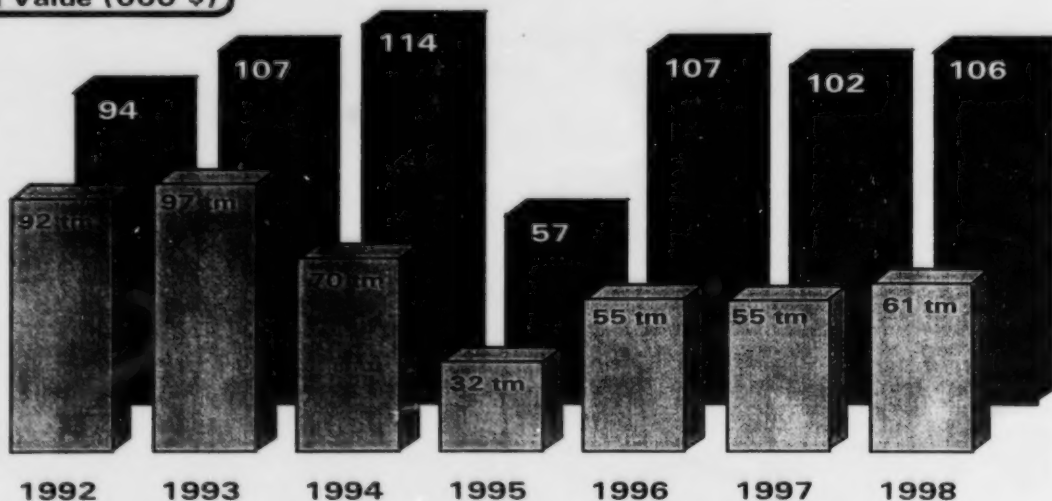


Source: Policy and economics branch, DFO Laurentian region

LOONGLINERS OVER 50 FT, GROUND FISH

Evolution of average landing, 1992 to 1998

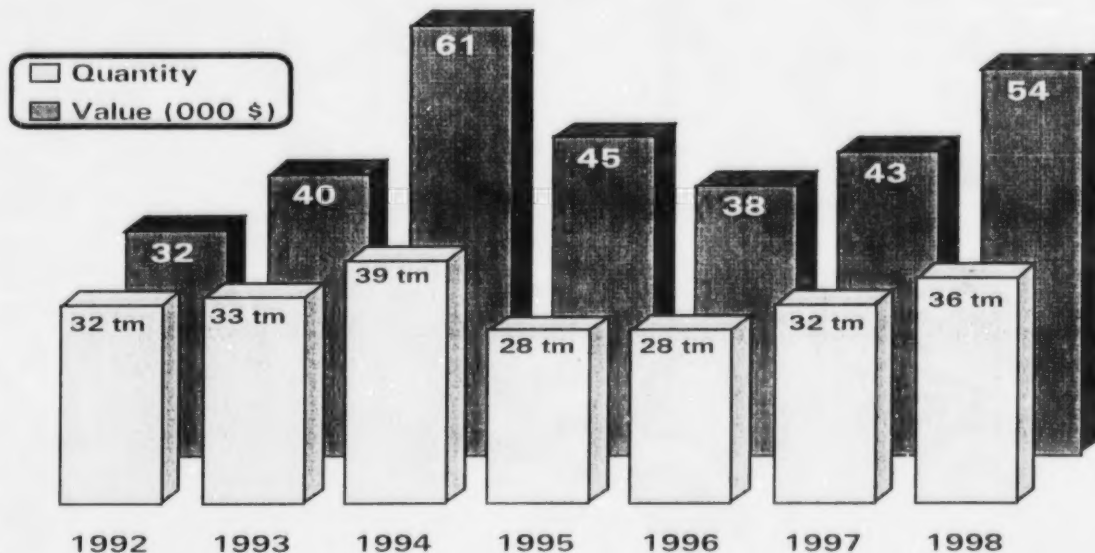
Quantity
Value (000 \$)



Source: Policy and economics branch, DFO Laurentian region

LOGLINERS 35 TO 50 FT, GROUND FISH

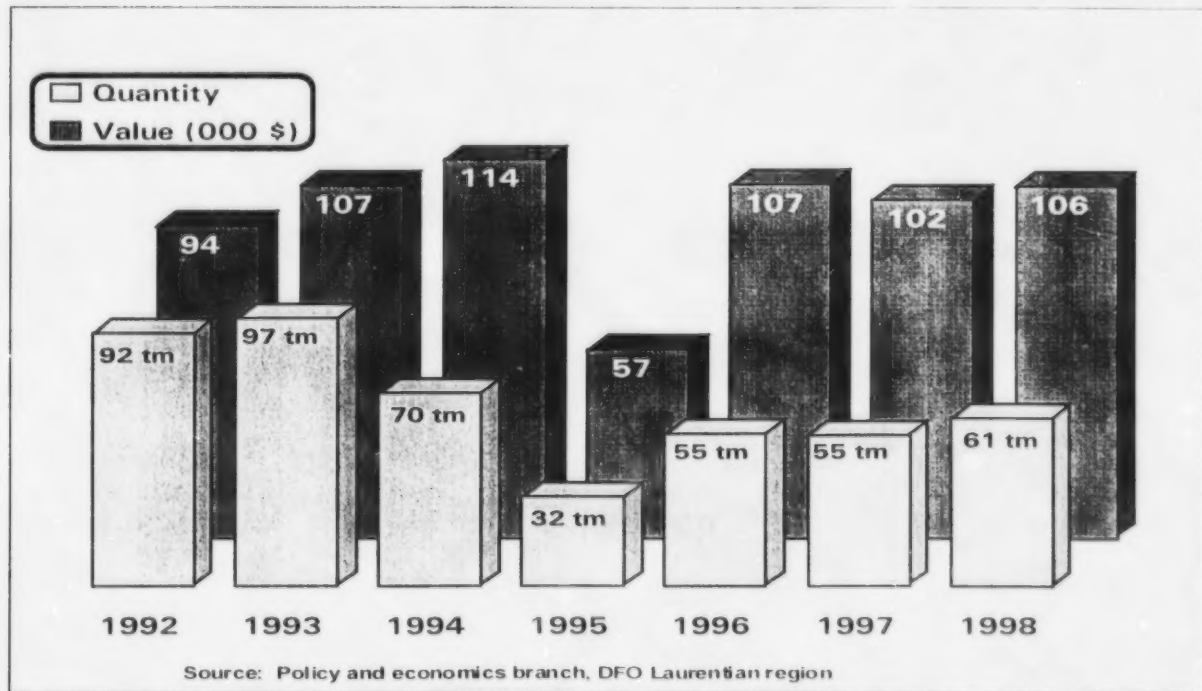
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

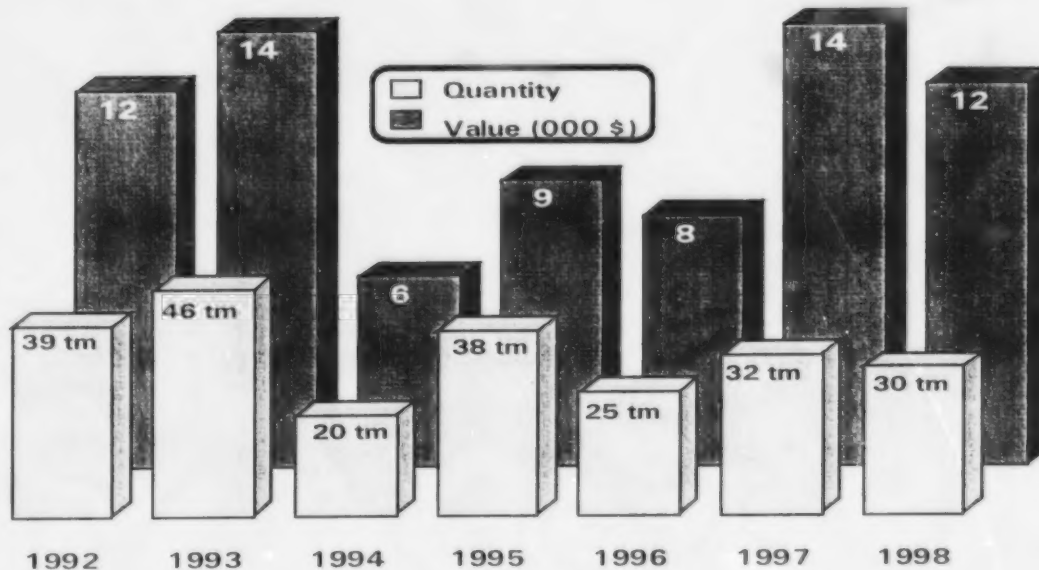
LONGLINERS OVER 50 FT, GROUND FISH

Evolution of average landing, 1992 to 1998



LOGLINERS UNDER 35 FT, PELAGIC FISH

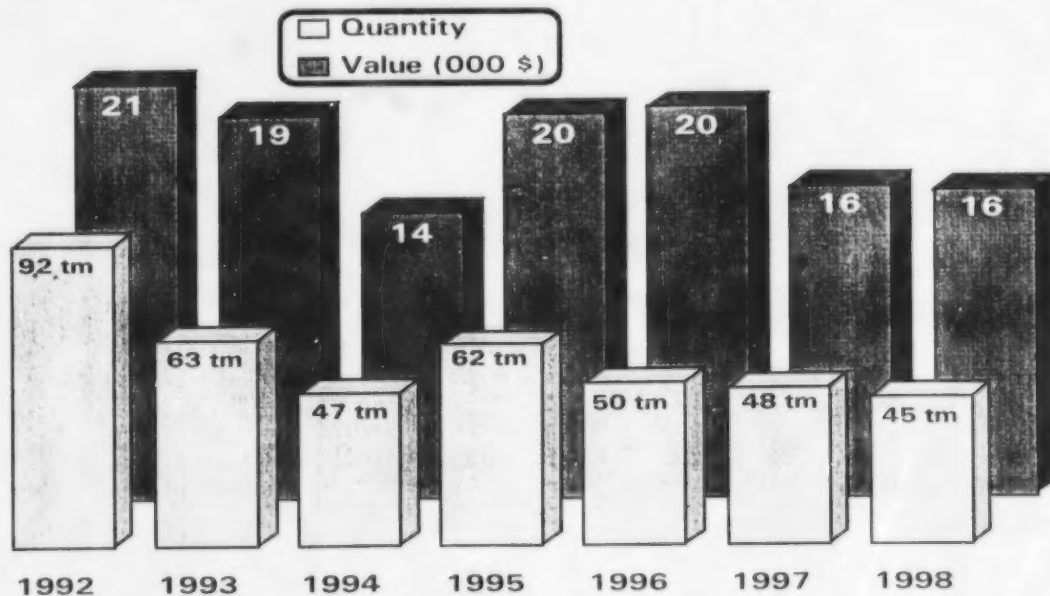
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

LONGLINERS 35 TO 50 FT, PELAGIC FISH

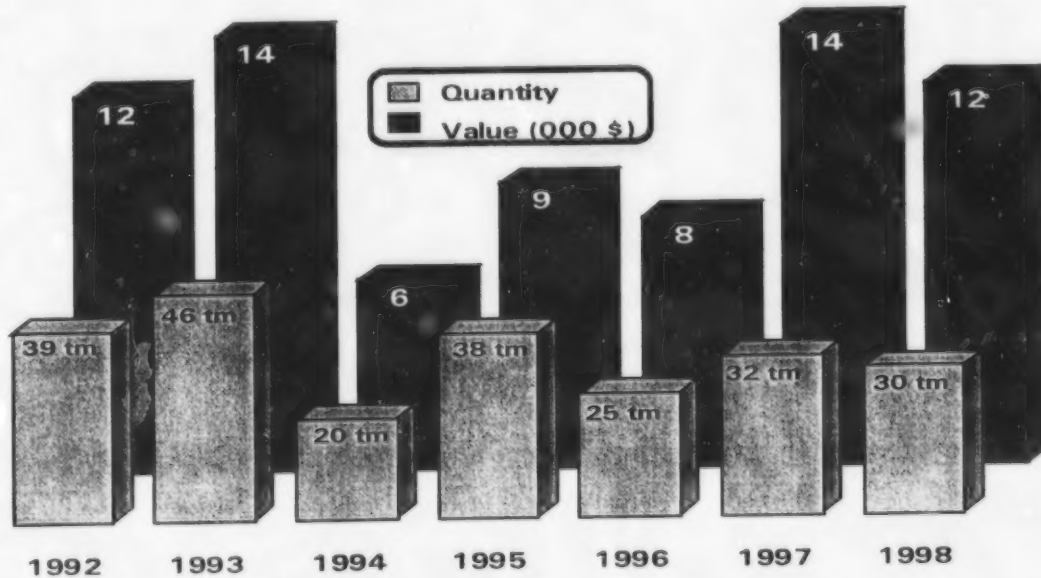
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

LOGLINERS UNDER 35 FT, PELAGIC FISH

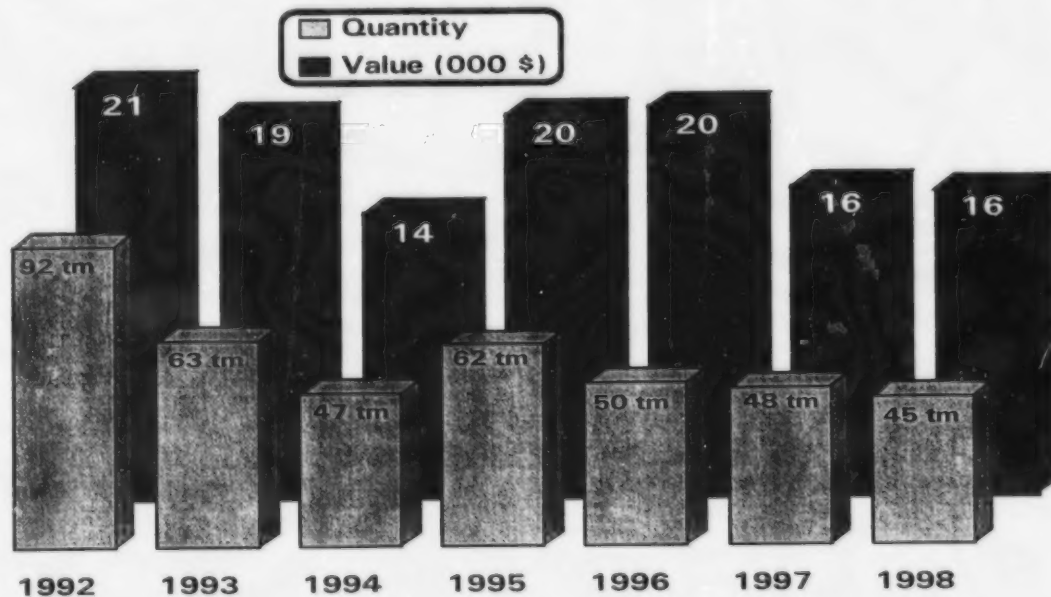
Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

LONGLINERS 35 TO 50 FT, PELAGIC FISH

Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian region

Published by:

Statistics Service
Fisheries Management Branch
Department of Fisheries and Oceans
Quebec (Quebec)
G1K 7Y7

@Minister of Supply and Services
Canada 1998
Catalog No FS 1-39/1998E
ISBN 0-662-28975-7

Correct citation for this publication:

Department of Fisheries and Ocean. 2000. Quebec Marine
Fisheries - Annual Statistics Review 1997-98, 211 p.

Foreword

The hard times that the Quebec fishing industry has been experiencing in recent years underscore the importance of producing reliable statistics that are as up to date as possible. The requests for information that we receive have not only become more numerous and more pressing, but above all more complex. This is the background to this annual statistical report.

The fifteenth edition of the Annual Statistics Review of Quebec marine fisheries, produced by the Department of Fisheries and Oceans (DFO), paints a detailed portrait of the industry in 1998. In a nutshell, in this last year, the volume of landings totalled 51,980 mt and had an associated value of close to \$103 million.

A supplement titled "Quebec Marine Fisheries: 1998 Highlights" is included in a special pocket on the back cover. This handy, comprehensive reference tool was prepared jointly by the Statistics Service and the Policy and Economics Branch to provide a snapshot of the state of Quebec's fishing industry in 1998.

The Statistics Service, which is responsible for this publication, is mandated to compile, process, analyse and publish data on Quebec's marine fisheries. The statistics produced are of vital importance, first, to assess and highlight the economic value of the industry, and second, to provide managers and scientists with a basis for the various analyses required for effective fishery resource management.

It is important to note that a federal-provincial agreement between DFO and the Quebec Department of Agriculture, Fisheries and Food (MAPAQ) has laid the groundwork for greater co-ordination in collecting data. It aims to eliminate duplication of effort by public servants seeking information from fishing industry players and to promote intergovernmental data sharing.

The three types of data in this report have been obtained in different ways. Catch data are based on the sales transactions between fishers and fish buyers when each vessel lands its catch. For data on fishing effort, used by scientists in their research work, we rely upon the excellent co-operation of skippers, who provided information on fishing grounds, type of gear, target species and species caught, among other things. Finally, statistics on fishermen, fishing fleets and licences come from the licensing process.

The quality of the data in this review depends on (a) the quantity of data that our system gathers from fishermen, buyers and processing plants, and (b) the accuracy of the data. With limited resources, the Statistics Service does everything within its power to check the data it gathers, but cannot guarantee that everyone involved submitted all their data. We turn to resource management programs such as enterprise allocations (quota licences), for which strict monitoring methods exist, to ensure that data entered into the system are consistent with observations of landings by dockside monitors. This does not apply to every fishery, however. Discussions with inspectors, protection officers and industry representatives further enable Statistics Service staff to produce reliable, representative data.

The descriptive narratives accompanying the tables and figures are not intended as an in-depth analysis of the state of the marine fisheries in Quebec in 1998.

The publication of this annual review of Quebec's marine fisheries has been made possible by the hard work and rigour of the Statistics Service staff and groups in Sept Îles, Gaspé and Cap aux Meules. We would also like to thank the Policy and Economics Branch for its important contribution.

We wish to take this opportunity to thank the fishermen, buyers and producers for their ongoing co-operation; we realize that supplying statistics is an extra burden for them.

All of us in Statistics Service hope that you enjoy reading this annual review and welcome any comments or ideas that might help us improve it.

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Methodology

The data in this publication are taken from the statistical system of Fisheries and Oceans Canada, Laurentian Region. The system consists of three modules, all of which were used to produce this report: catch—effort—quotas, people—vessels—licences, and processing—plant production and workforce.

Data on people, vessels and licences come from licensing paperwork. The number of fishermen corresponds to the number of people registered as commercial fishermen in 1997 and 1998. The number of vessels is the number of fishing boats licensed in 1997 and 1998. The number of licences is the total number of fishing licences issued, but not necessarily active, in 1997 and 1998.

Data on fish and shellfish landings are provided by commercial buyers, who are obliged to send us a copy of the DFO form to record their purchases from fishermen. Each transaction of this type generally corresponds to one fishing trip. In its tenth year of operation, the Enterprise Allocation Monitoring Program covers mobile-gear vessels 45'-64' 11", 65'-100' long and some vessels under 45' fishing for groundfish in areas 4RST and 3PN. Moreover, the program affects all crabbers and shrimpers, as well as many scallopers. For these fleets, there is thus an additional check on the data supplied to the Statistics Service.

Furthermore, to estimate the volume of fish eaten by commercial fishermen and their families, sold directly to the public, used as bait and processed by fishermen themselves, we use data supplied by DFO fishery officers and information from fishermen associations. First we correlate the data from the two sources. This enables us to establish, for each sector, the size of the non-commercial catch of each species. Then we prorate the amount for each sector according to landings recorded in each of its respective ports. Last, the results are added to our database.

Data are gathered, coded and entered locally in each of the maritime sectors: Gaspé, Sept Îles and Cap aux Meules. The concepts and definitions used meet the standards set by the Statistical Co-ordinating Committee for the Atlantic Coast (STACAC) and are thus compatible with the systems of the other Atlantic regions (the Maritimes and Newfoundland). Papers published by the STACAC provide more information on the concepts and definitions used here

(see reference list). Some of them are available from Statistics Service at the Quebec City Regional Office.

Figures in the tables on landings have been rounded, so they may not add up to the totals shown.

It should also be noted that some data on salmon, eel, smelt, tomcod, capelin and sturgeon landings were supplied by MAPAQ.

Another important point is that up until 1992, seal-hunting licences were issued in the maritime sectors and did not figure in the publication of the various statistical tables on fishing licences. In 1993, the policy on licensing for the seal hunt was amended to make it much more like that for the other types of licences, so seal-hunting licences are now counted the same way as other existing licences. To avoid skewing the trend analysis, we decided to publish the seal-hunt data separately. Statistical table 4A gives the number of seal-hunting licences according to quite specific parameters.

It should be noted that the process of gathering data at the source is the result of the Federal-Provincial Harmonization Agreement on the Quebec Marine Fisheries, the main objective of which was to eliminate duplication of effort in this area.

Maritime territory

Quebec's maritime territory begins at the eastern tip of Île d'Orléans and is divided into four sectors.

The St Lawrence sector extends from Anse à Gilles to Cap à l'Original (on the south shore) and from Cap Tourmente to Baie Sainte Catherine (on the north shore). The North Shore sector lies between Tadoussac and Blanc Sablon (including Anticosti Island). The Gaspé sector begins at Le Bic and stops at Matapédia. The fourth sector comprises the Magdalen Islands. For more details, refer to the map titled "Maritime Territory" on the facing page.

On another basis, the Laurentian Region maritime territory is subdivided into 28 statistical districts. These districts are defined by limits represented by geographic points and are used in most statistical systems. This standardization makes it possible to compare the data that DFO has been collecting in Quebec since 1984 with those published by the Bureau de la statistique du Québec for preceding years.

The 28 statistical districts, with their geographic limits, are listed in Appendix 1.

The map illustrates the Gaspésie region, a large peninsula in the Gulf of St. Lawrence. Key features include:

- Coastal Features:** Saguenay, Charlevoix, Kamouraska, and the Gaspé Peninsula.
- Towns and Settlements:** Saguenay, Charlevoix, Kamouraska, and the Gaspé Peninsula.
- Geographical Features:** The Gulf of St. Lawrence, the Saguenay Fjord, and the Gaspé Peninsula.
- Islands:** Ile d'Anticosti and the Iles de la Madeleine.
- Section Numbers:** 1 through 25, indicating specific areas of interest.

Conventional Symbols

o	Less than half of the smallest unit used
-	Nil or zero
%	Proportion of a quantity to another expressed as a percentage
Var. %	Percentage variation indicating the size of increases or decreases from one year to the next and calculated as follows:

$$\text{Var. \%} = \frac{\text{figure from target year} - \text{figure from preceding year}}{\text{figure from preceding year}} \times 100$$

N.B.: All variations presented in this review refer to the years 1997 and 1998 only.

N/A	Information not applicable
N/AV	Information not available
mt	Metric ton
...	Not applicable because of different units
< >	Not publishable, because there were fewer than three buyers for this fishery (protected information)

Definitions of terms used in this publication

Active fisherman	Fisherman or fisherman's helper who has made at least one landing in the season.
Active fishing enterprise	Fishing enterprise that has made at least one landing in the season.
Active vessel	A vessel for which at least one landing in the reference year has been counted.
Actual deviation	Difference between data for the year under consideration and the preceding year.
Administrative regions	Regions defined by DFO. In this publication, we refer to the Atlantic administrative regions: Laurentian Region: Encompasses the province of Quebec Maritimes Region: Encompasses the provinces of New Brunswick, Nova Scotia, and Prince Edward Island Newfoundland Region: Encompasses the geographic sector of the same name.
Atlantic Coast	Covers the Laurentian, Maritimes and Newfoundland regions.
Buyer	Person or firm that commercially purchases fish directly from fishermen.
Certified plant	Any place that fish is processed for export or stored before exporting.
Commercial fisherman	Any person registered with DFO who uses fishing gear

(in general terms)	authorized by a commercial fishing licence. This definition covers both skippers and fishermen's helpers.
"Commercial fisherman" (southern Gulf)	In the Gulf, a commercial fisherman is a registered fisherman who does not take part in the fisheries fished by vessels with an LOA of 15.2 m (50') or longer and does not meet the requirements of a bona fide full-time or part-time fisherman.
Commercial fishing licence	Paper issued by DFO authorizing a person to operate a commercial fishing vessel to fish for the species named on it.
Conversion factor	Ratio used to convert the weight of a product or form of a product on landing into equivalent live weight.
Core	<p>In order to qualify as a member of the core group, a person must meet the following criteria:</p> <p>Be the head of an active fishing enterprise, i.e., have fished full time for the previous two years (1994 and 1995) and have a vessel in the fishery and</p> <p>Hold either two key licences, OR one key licence and in two of the years 1993, 1994 and 1995, have fished for 10 weeks with minimum reported landings of \$5,000 from their own licences for vessels less than 35' and of \$10,000 from their own licences for vessels longer than 35', OR one key licence and, in two of the years 1993, 1994 and 1995, have earned at least 75% of their income from fishing</p> <p>License holders who meet the eligibility criteria for the Atlantic Groundfish Strategy (TAGS) or the Northern Cod Adjustment and Recovery Program (NCARP) may use the TAGS or NCARP qualifying years instead.</p> <p>Key licences are defined as shrimp, crab, lobster, groundfish other than handline, scallop, herring and, on the Lower North</p>

	Shore, capelin.
Division	NAFO (Northwest Atlantic Fisheries Organization) division.
Fishing day	Day in which fishing gear was used with the goal of catching fish to sell.
Gear	Any equipment used to catch fish.
Gulf of St Lawrence	Coastal areas of the Gulf in New Brunswick, Nova Scotia, western Newfoundland and southern Labrador, as well as Prince Edward Island and Quebec.
Landed value	Monetary value of the recorded landed quantity, that is, the landed quantity times the unit price, or the value supplied by the buyer.
Landing	Quantities of fish and shellfish (molluscs and crustaceans) landed, excluding discards, measured as live weight.
Live weight	Weight of a live fish, which can be estimated, if necessary, on the basis of the form at landing using a standard conversion factor.
Average price	Total value of all landings sold divided by the total weight landed.
Non-core	Any fisherman not qualified for membership in the core group.
Other items	Includes sea urchins, lumpfish caviar, scallop roe, other seafood, and seal products.
Outside the Gulf of St. Lawrence	Waters of the Bay of Fundy, the Scotian Shelf and Georges Bank—that is, the ocean side of Nova Scotia—as well as the province of Newfoundland, not including the west coast and

southern Labrador.

Quota For a given species and fishing area, the catch limit set for a segment of the commercial fleet.

Specialized enterprise Fishing enterprise that has recorded at least 25% of the average value of landings of its reference fleet.

Supplementary purchase slips These data are used to compile all landings not recorded on general purchase receipts. This information comes from estimates from four different sources:

Fish processed by fishermen

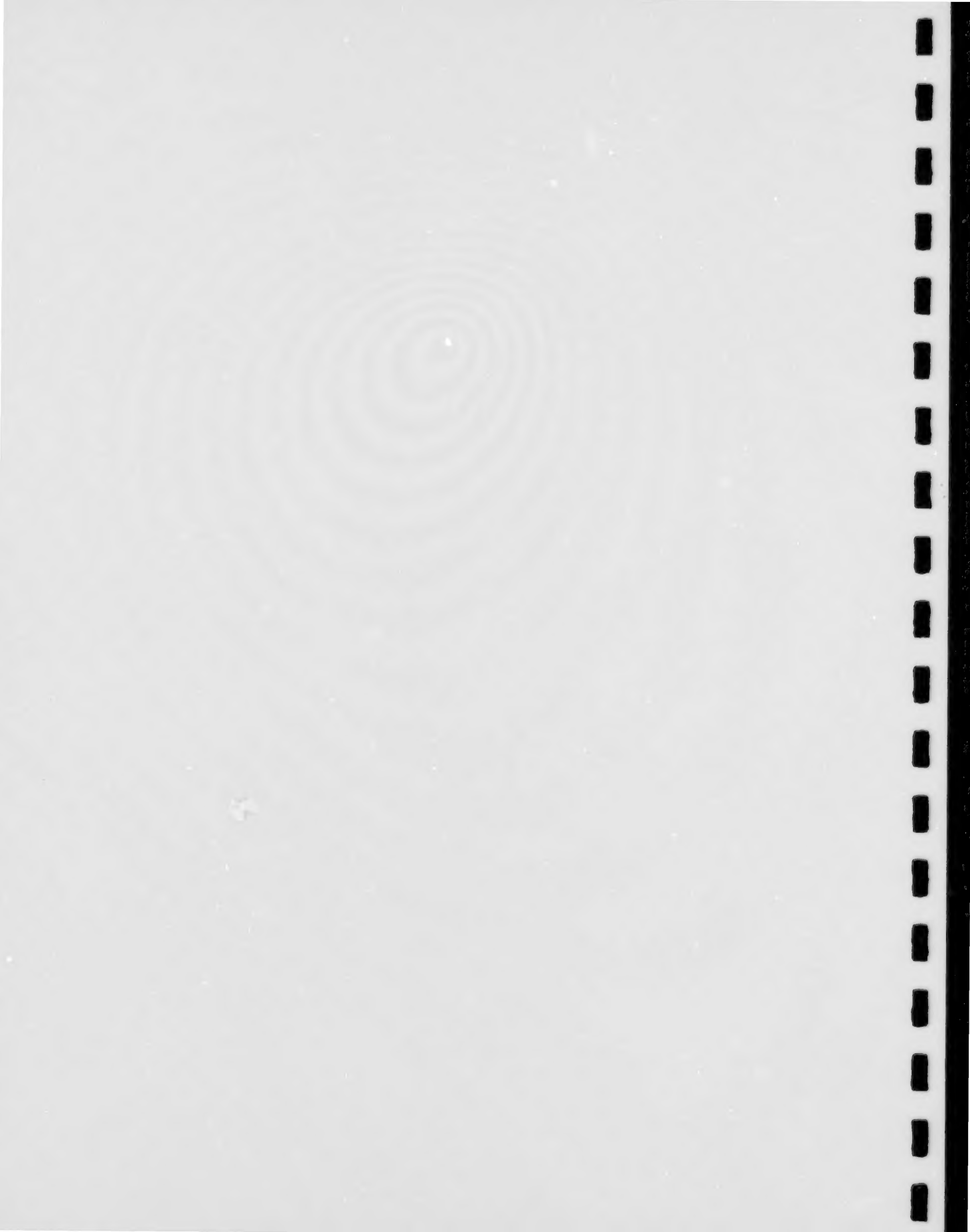
Direct sales to the public

Fish used as bait by fishermen

Other landings (including personal consumption by fishermen and their families and sport fishing)

Value Statistics on value are expressed in current Canadian dollars.

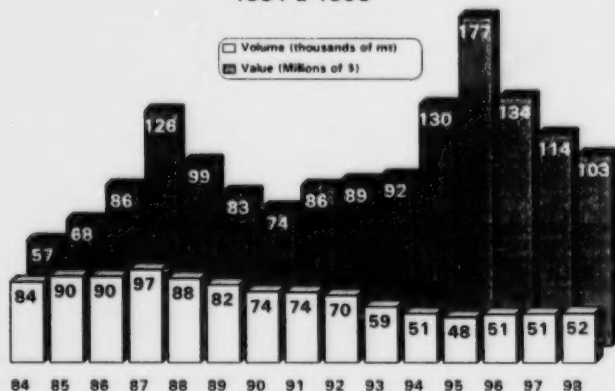
***CATCH PORTRAIT OF
QUEBEC SECTOR***



Statistical Portrait of Quebec Landings- 1998

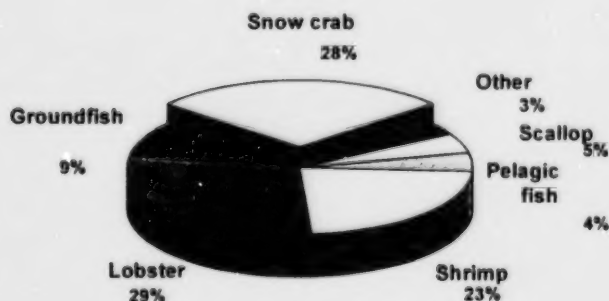
The value of Quebec landings fell for a third consecutive year. However, the reduction for 1998 (9.8%) is less than that of the previous year (15%). Despite this drop in landing values, volume has held at over 50,000 metric tons for each of the last three years.

**Evolution of landings by the Quebec fishing industry
1984 à 1998**



Source: MPO - Région du Québec

**Distribution of landing values by species
1998**



Total 103 M \$

Source : Direction des politiques et de l'économie, MPO région Laurentienne

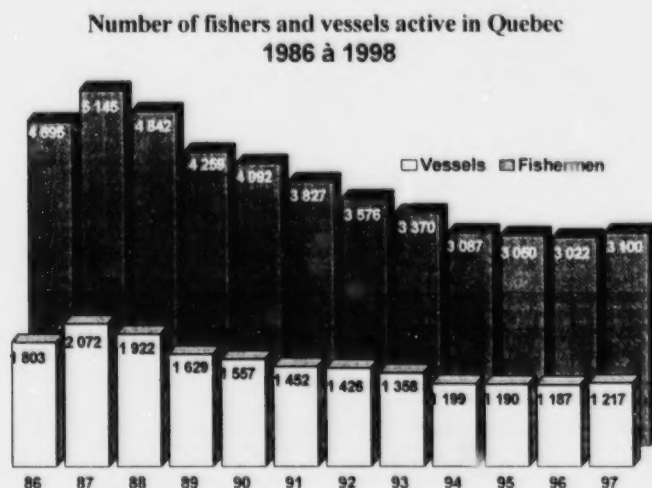
The reduced value of Quebec landings is largely due to the decrease in the value of snow crab landings, which was 31.5%. This trend has been observed elsewhere around the world. On the other hand, lobster and shrimp landing values increased slightly in 1998.

This new situation has slightly affected the distribution of landing values by species. Landing values for lobsters lead the way at 29%, followed by snow crabs at 28%

and shrimp at 23%. Taken together, these three crustaceans account for 80% of the total landing values. The volume of groundfish landings rose in 1998.

and shrimp at 23%. Taken together, these three crustaceans accounted for 80% of all landings. The volume of groundfish landings rose in 1998.

This increase is explained by the gradual recovery of the cod fishery and the greater number of Greenland halibut landings.



Source: Direction des politiques et de l'économie, MPO Région Laurentienne

The number of Quebec fishers (including helpers) who made at least one landing in Quebec and/or outside the province is estimated at 3,196. Because of the change to the size of crews for some fleets in 1998, it is difficult to make comparisons with previous years.

However, the distribution of fishers has remained substantially the same among different groups. That distribution is as follows for each species: lobster the most important group (1,336), snow crab (823), groundfish (499), shrimp (189), and scallop (153). The number of vessels active in the fishing area fell slightly more than 3% in 1998.

WORK FORCE

TABLE 1

NUMBER OF COMMERCIAL FISHERMEN IN 1997 AND 1998
BY SECTOR (according to port of landing), BY AGE GROUP

AGE GROUP

SECTOR	YEAR	Under 25	Net Change	25 to 34	Net Change	35 to 44	Net Change	45 to 64	Net Change	65 and over	Net Change	TOTAL	Net Change
ST-LAWRENCE	1997	5	-100	16	-50	20	-15	36	-22	14	7	91	-25
	1998	-	-	8	-	17	-	28	-	15	-	68	-
NORTH-SHORE	1997	152	-4	310	-11	293	1	424	-3	58	-2	1 237	-4
	1998	146	-	276	-	296	-	412	-	57	-	1 187	-
GASPÉ PENINSULA	1997	175	-3	398	-11	570	2	531	3	65	-11	1 739	-2
	1998	169	-	353	-	579	-	546	-	58	-	1 705	-
MAGDALEN ISLANDS	1997	136	1	311	-11	321	4	376	-3	33	21	1 177	-2
	1998	137	-	276	-	335	-	363	-	40	-	1 151	-
OTHER	1997	3	33	1	100	1	200	5	-40	-	-	10	20
	1998	4	-	2	-	3	-	3	-	-	-	12	-
TOTAL	1997	471	-3	1 036	-12	1 205	2	1 372	-1	170	-	4 254	-3
	1998	456	-	915	-	1 230	-	1 352	-	170	-	4 123	-

TABLE 1A

NUMBER OF NEW ENTRANTS IN 1998 COMPARED WITH NUMBER OF

1997 FISHERMEN STILL ACTIVE

(according to fishermen's registration district)

Sector	Fishermen	Change in number of fishermen			Distribution of fishermen in sector		% of total
		1997 fishermen active in 1998	New entrants in 1998	Variation in %	Total		
Gaspé Peninsula	Owners	574	1	0.2	575	32.4	13.9
	Crew members	1091	109	10.0	1 200	67.6	29.1
	Total	1665	110	6.6	1 775	100.0	43.1
North-Shore	Owners	472	3	0.6	475	39.8	11.5
	Crew members	648	71	11.0	719	60.2	17.4
	Total	1120	74	6.6	1 194	100.0	29.0
Magdalen Islands	Owners	394	2	0.5	396	34.3	9.6
	Crew members	719	39	5.4	758	65.7	18.4
	Total	1113	41	3.7	1 154	100.0	28.0
Total	Owners	1440	6	0.4	1 446	35.1	35.1
	Crew members	2458	219	8.9	2 677	64.9	64.9
	Total	3898	225	5.8	4 123	100.0	100.0

In this table, the data for the St-Lawrence sector are provided under the Gaspé and North-Shore sectors.

TABLE 1B

NUMBER OF FISHERMEN IN 1997 AND 1998
BY SECTOR AND BY FISHERMEN CLASS

CLASS (2)

Sector	YEAR	Core	Var. in %	Non Core	Var. in %	Fishermen helper	Var. in %	Others (3)	Var. in %	TOTAL	Var. in %
Gaspé Peninsula	1997	485		88		1 229		11		1 813	
	1998	491	1	70	-20	1 200	-2	14	27	1 775	-2
North-Shore	1997	339		143		777		3		1 262	
	1998	341	1	134	-6	719	-7	-	-100	1 194	-5
Magdalen Islands	1997	384		5		788		2		1 179	
	1998	389	1	6	20	758	-4	1	-50	1 154	-2
TOTAL	1997	1 208		236		2 794		16		4 254	
	1998	1 221	1	210	-11	2 677	-4	15	-6	4 123	-3

(1) In this table, the data for the St-Lawrence sector are provided under the Gaspé and North Shore sectors.

(2) Refer to fishermen class definitions registered in "conventional signs and used terms definitions"

(3) This class includes autochthonous fishermen, companies and vessels over 65'.

TABLE 2

NUMBER OF REGISTERED VESSELS IN 1997 AND 1998

BY SECTOR AND LENGTH GROUP

(according by port of landing)

LENGTH GROUP

SECTOR	YEAR	Under 35'	Net change	35' to 44'11"	Net change	45' to 64'11"	Net change	65' to 99'11"	Net change	100' and over	Net change	TOTAL	Net change
ST-LAWRENCE	1997	32	-3	2	-	-	-	-	-	-	-	34	-3
	1998	29		2	-	-	-	-	-	-	-	31	
NORTH-SHORE	1997	449	-13	112	2	37	4	-	-	-	-	598	-7
	1998	436		114		41		-	-	-	-	591	
GASPÉ PENINSULA	1997	364	-32	119	-	117	2	6	-	1	-	607	-30
	1998	332		119		119		6	-	1	-	577	
MAGDALEN ISLANDS	1997	220	-5	176	12	15	1	-	-	6	-	417	8
	1998	215		188		16		-	-	6	-	425	
OTHER	1997	1	1	1	-	11	-2	4	-	4	-1	21	-3
	1998	1		1		9		4	-	3	-	18	
TOTAL	1997	1 066	-53	410	14	180	5	10	-	11	-1	1 677	-35
	1998	1 013		424		185		10	-	10	-	1 642	

TABLE 2A

NUMBER OF VESSELS IN ALL QUEBEC SECTORS
BY TONNAGE AND LENGTH GROUP IN 1998

Groups by ton and by boat length	NORTH-SHORE			GASPE PENINSULA			BAIE-DES-CHALEURS		TOTAL	MAGDALEN ISLANDS	SAINT-LAWRENCE	OTHER	TOTAL OF QUEBEC
	UPPER	MIDDLE	LOWER	TOTAL	NORTH	EAST	SOUTH	CHALEURS					
Less than 10-ton boat													
Less than 20'	10	37	121	178	14	2	7	7	30	23	18	-	247
20' to 24' 11"	4	18	48	69	15	9	47	12	83	3	2	-	157
25' to 29' 11"	3	4	100	107	6	11	90	27	134	6	5	-	252
30' to 34' 11"	5	11	41	57	5	6	28	14	53	70	2	-	182
35' to 39' 11"	-	-	3	3	4	-	2	1	7	8	-	-	18
40' to 44' 11"	1	2	-	3	1	-	1	2	4	-	-	-	7
Total	31	73	311	415	45	28	175	63	311	110	27	-	863
10 to 24.9-ton boat													
Less than 25'	-	-	-	-	1	-	-	-	1	-	-	-	1
25' to 29' 11"	-	1	4	5	1	1	1	-	3	-	-	-	8
30' to 34' 11"	3	5	14	22	5	5	15	3	28	113	2	1	168
35' to 39' 11"	5	11	42	58	11	8	15	4	39	145	2	-	244
40' to 44' 11"	11	23	3	37	18	3	22	13	56	24	-	1	118
45' to 49' 11"	2	16	3	19	3	6	12	-	21	1	-	1	38
Total	21	50	68	137	38	24	65	20	148	283	4	3	575
25 to 49.9-ton boat													
35' to 39' 11"	-	1	3	4	-	-	1	-	1	3	-	-	8
40' to 44' 11"	1	5	3	9	5	1	5	1	12	8	-	-	29
45' to 49' 11"	2	11	4	17	6	7	25	-	38	9	-	2	66
Total	3	17	10	30	11	8	31	1	51	20	-	2	103
50 to 99.9-ton boat													
45' to 49' 11"	-	4	5	9	7	28	23	1	60	6	-	6	81
50' to 59' 11"	-	-	-	-	-	-	-	-	-	-	-	1	1
60' to 69' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
70' to 79' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
80' to 89' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
90' to 99' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	4	5	9	7	28	23	1	60	6	-	6	81
100 to 149.9-ton boat													
45' to 49' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
50' to 59' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
60' to 69' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
70' to 79' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
80' to 89' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
90' to 99' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
150-ton boat and more													
65' to 69' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
70' to 79' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
80' to 89' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
90' to 99' 11"	-	-	-	-	-	-	-	-	-	-	-	-	-
100' and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-
All the groups	55	144	392	591	164	92	298	85	577	425	31	18	1 642

TABLE 2B

NUMBER OF ACTIVE VESSELS IN QUEBEC IN 1997 AND 1998

BY SECTOR AND LENGTH GROUP

(according to port of landing)

LENGTH GROUP

SECTOR	YEAR	Under 35'	Net change	35' to 44'11"	Net change	45' to 64'11"	Net change	65' to 99'11"	Net change	100' and over	Net change	TOTAL	Net change
ST-LAWRENCE	1997	15	-6	3	-2	-	-	-	-	-	-	18	-8
	1998	9		1		-	-	-	-	-	-	10	
NORTH-SHORE	1997	236	-21	119	-	53	12	2	-2	-	-	410	-11
	1998	215		119		65		-		-	-	399	
GASPÉ	1997	259	-5	139	-6	122	-4	18	-	-	-	538	-15
PENINSULA	1998	254		133		118		18		-	-	523	
MAGDALEN ISLANDS	1997	208	-16	190	89	16	4	-	-	-	-	414	77
	1998	192		279		20		-		-	-	491	
OTHER	1997	-	-	1	-1	-	-	-	-	-	-	1	-1
	1998	-		-		-		-		-	-	-	
TOTAL (1)	1997	708	-48	439	78	178	18	20	-2	-	-	1 345	46
	1998	660		517		196		18		-	-	1 391	

(1) A vessel can be active in more than one maritime sector however it will be recorded only once in the Quebec total. The expression "active vessel" means a vessel that had accomplished at least one landing in a sector or particular region.

TABLE 2C
NUMBER OF ACTIVE QUEBEC VESSELS IN QUEBEC IN 1997 AND 1998
BY SECTOR AND LENGTH GROUP
(according to port of landing)

SECTOR	YEAR	LENGTH GROUP										TOTAL	Net change
		Under 35'	Net change	35' to 44'11"	Net change	45' to 64'11"	Net change	65' to 99'11"	Net change	100' and over	Net change		
ST-LAWRENCE	1997	15	-6	3	-2	-	-	-	-	-	-	18	-8
	1998	9		1		-	-	-	-	-	-	10	
NORTH-SHORE	1997	214	-30	113	-1	43	-1	1	-1	-	-	371	-33
	1998	184		112		42		-		-	-	338	
GASPÉ PENINSULA	1997	256	-4	109	9	118	-11	9	-2	-	-	492	-8
	1998	252		118		107		7		-	-	484	
MAGDALEN ISLANDS	1997	208	-17	172	11	16	-	-	-	-	-	396	-6
	1998	191		183		16		-		-	-	390	
OTHER	1997	-	-	1	-1	-	-	-	-	-	-	1	-1
	1998	-		-		-		-		-	-	-	
TOTAL (1)	1997	683	-57	386	14	164	-5	10	-3	-	-	1 243	-51
	1998	626		400		159		7		-	-	1 192	

(1) A vessel can be active in more than one maritime sector however it will be recorded only once in the Quebec total. The expression "active vessel" means a vessel that had accomplished at least one landing in a sector or particular region.



TABLE 3

BUYERS OPERATING IN QUEBEC
IN 1997 AND 1998 BY SECTOR

SECTOR	YEAR	Number (1)	Net change	Quantity landed (metric tons)	Variation in %	Quantity landed in % of total
ST-LAWRENCE	1997	6	-2	397	-28	0.8
	1998	4		284		0.5
NORTH-SHORE	1997	29	-1	11 077	10	21.6
	1998	28		12 233		23.5
GASPÉ PENINSULA	1997	65		26 899	1	52.5
	1998	65		27 124		52.2
MAGDALEN ISLANDS	1997	18	-1	12 796	-4	25.0
	1998	17		12 269		23.6
OTHER	1997	12	-3	59	16	0.1
	1998	9		69		0.1
TOTAL	1997	130	-7	51 228	1	100.0
	1998	123		51 980		100.0

(1) The buyers are filed according to their physical place.

RESOURCE
ACCESSIBILITY



Resource accessibility

In order to achieve its objective of conserving and preserving various fish stocks, DFO imposes control measures each year. Licensing and quotas are responses to this necessity.

Quotas are used to determine the quantities allocated to each fishery, while licensing is an efficient means of controlling access to the various resources.

Licences for anadromous and catadromous species are issued by the Government of Quebec, while the federal government oversees licensing for all other species.

TABLE 4

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED BY SECTOR
IN 1997 AND 1998 FOR SELECTED SPECIES
(Excluding seal hunting licences)

SPECIES

SECTOR	YEAR	Ground- fish	Net change	Herring	Net change	Shrimp	Net change	Snow Crabs	Net change	Lobsters	Net change	Rock Crabs	Net change	Baits	Net change	Other	Net change	TOTAL	Net change
GASPÉ PENINSULA	1997	437		497		60		107		227		43		467		484		2 322	
	1998	435	-2	477	-20	47	-13	72	-1	226	-35	36	-7	464	-3	467	-17	2 224	-98
NORTH-SHORE	1997	482		346		14		162		95		4		381		445		1 929	
	1998	480	-2	346	-	8	-6	122	-1	94	-40	4	-	383	2	449	4	1 886	-43
MAGDALEN ISLANDS	1997	204		347		-		28		329		10		357		471		1 746	
	1998	204		348	1	-	-	18	-	329	-10	14	4	359	2	482	11	1 754	8
TOTAL	1997	1 123		1 190		74		297		651		57		1 205		1 400		5 997	
	1998	1 119	-4	1 171	-19	55	-19	212	-2	649	-85	54	-3	1 206	1	1 398	-2	5 864	-133

TABLE 4A

NUMBER OF SEAL HUNTING LICENCES
ISSUED IN 1997 AND 1998, BY SECTOR

SECTOR	YEAR	Number	Net change
GASPÉ PENINSULA	1997	40	1
	1998	41	
NORTH-SHORE	1997	650	-4
	1998	646	
MAGDALEN ISLANDS	1997	932	-69
	1998	863	
TOTAL	1997	1 622	-72
	1998	1 550	

TABLE 5

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN QUEBEC

IN 1998 FOR THE MAIN SPECIES

(Excluding seal hunting licences)

LENGTH GROUP

SPECIES / TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65' to 99'11"	100' and over	TOTAL
GROUND FISH						
Beach seine	2	-	-	-	-	2
Trapnet	152	3	3	-	-	158
Hand line	-	-	-	-	-	- (1)
Fixed gear (gillnet and longline)	570	194	60	-	-	824
Mobile gear (trawls)	4	31	81	12	7	135
Total	728	228	144	12	7	1 119
PELAGIC SPECIES						
Herring						
Beach seine	2	-	-	-	-	2
Trapnet	23	8	-	-	-	31
Gillnet	695	348	76	-	-	1 119
Weir	3	-	-	-	-	3
Purse seine	4	7	5	-	-	16
Purse seine (exploratory licences)	-	-	-	-	-	-
Total	727	363	81	-	-	1 171
Mackerel						
Trapnet	6	2	-	-	-	8
Gillnet	436	254	32	-	-	722
Purse seine	5	6	3	-	-	14
Purse seine (exploratory licences)	1	7	-	-	-	8
Hand line	26	13	-	-	-	39
Total	474	282	35	-	-	791
Capelin						
Beach seine	28	-	-	-	-	28
Trapnet	41	8	3	-	-	52
Gillnet	-	-	-	-	-	-
Weir	2	-	-	-	-	2
Purse seine	3	3	2	-	-	8
Purse seine (exploratory licences)	-	3	-	-	-	3
Total	74	14	5	-	-	93
Bluefin Tuna						
Trotter line	11	29	13	-	-	53
Bait fish						
Beach seine	1	-	-	-	-	1
Gillnet	725	374	106	-	-	1 205
Total	726	374	106	-	-	1 206
Other species, unspecified						
Trapnet	5	1	-	-	-	6
Weir	13	-	-	-	-	13
Total	18	1	-	-	-	19

(1) These licences are registered but they have not been issued in 1998.

TABLE 5

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN QUEBEC

IN 1992 FOR THE MAIN SPECIES

(Excluding seal hunting licences)

LENGTH GROUP

SPECIES / TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65' to 99'11"	100' and over	TOTAL
MOLLUSCS AND CRUSTACEANS						
Sea Scallops						
Draggers	16	44	21	-	-	81
Manual draggers	-	-	-	-	-	-
Total	16	44	21	-	-	81
Whelks						
Pots	166	88	25	-	-	279
Lobsters						
Pots	436	207	5	-	-	648
Pots (exploratory licences)	-	1	-	-	-	1
Total	436	208	5	-	-	649
Shrimp						
Trawling	-	-	41	10	4	55
Snow Crabs						
Inshore, pots	18	84	28	-	-	130
Midshore, pots	-	4	43	-	-	47
Pots (exploratory licences)	7	15	13	-	-	35
Total	25	103	84	-	-	212
Rock Crabs						
Pots	45	7	2	-	-	54
Quahaugs Clams						
Drag	-	1	1	-	-	2
Drag (exploratory licences)	1	-	-	-	-	1
Total	1	1	1	-	-	3
Surf Clams						
Drag	-	1	1	-	-	2
Drag (exploratory licences)	5	5	-	-	-	10
Total	5	6	1	-	-	12
Soft Shell Clams						
Drag	1	1	-	-	-	2
Sea Urchin						
Unspecified gear (exploratory licences)	40	16	-	-	-	56
Shark						
Shark longline (exploratory licences)	1	2	-	-	-	3
Squid						
Fixed gear	1	5	-	-	-	6
TOTAL	3 495	1 772	564	22	11	5 864

TABLE 6

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED ON THE GASPÉ PENINSULA

IN 1958 FOR THE MAIN SPECIES

(Excluding seal hunting licences)

LENGTH GROUP

SPECIES / TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65 to 99'11"	100' and over	TOTAL
GROUND FISH						
Beach seine	-	-	-	-	-	-
Trapnet	-	-	-	-	-	-
Hand line	-	-	-	-	-	- (1)
Fixed gear (gillnet and longline)	217	84	42	-	-	343
Mobile gear (trawls)	2	12	66	11	1	92
Total	219	96	108	11	1	435
PELAGIC SPECIES						
Herring						
Beach seine	2	-	-	-	-	2
Trapnet	1	1	-	-	-	2
Gillnet	312	112	43	-	-	467
Weir	1	-	-	-	-	1
Purse seine	-	4	1	-	-	5
Purse seine (exploratory licences)	-	-	-	-	-	-
Total	316	117	44	-	-	477
Mackerel						
Trapnet	-	-	-	-	-	-
Gillnet	219	67	17	-	-	303
Purse seine	-	-	-	-	-	-
Purse seine (exploratory licences)	-	4	-	-	-	4
Hand line	-	-	-	-	-	-
Total	219	71	17	-	-	307
Capelin						
Beach seine	3	-	-	-	-	3
Trapnet	-	-	-	-	-	-
Gillnet	-	-	-	-	-	-
Purse seine	-	-	-	-	-	-
Purse seine (exploratory licences)	-	3	-	-	-	3
Total	3	3	-	-	-	6
Bluefin Tuna						
Troller line	3	5	5	-	-	13
Bait fish						
Beach seine	-	-	-	-	-	-
Gillnet	284	109	71	-	-	464
Total	284	109	71	-	-	464
Other species, unspecified						
Trapnet	5	1	-	-	-	6
Weir	12	-	-	-	-	12
Total	17	1	-	-	-	18

(1) These licences are registered but they have not been issued in 1998

TABLE 6

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED ON THE GASPÉ PENINSULA

IN 1998 FOR THE MAIN SPECIES

(Excluding seal hunting licences)

LENGTH GROUP

SPECIES / TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65 to 99'11"	100' and over	TOTAL
MOLLUSCS AND CRUSTACEANS						
Sea Scallops	-	8	2	-	-	10
Draggers	-	-	-	-	-	-
Manual draggers	-	-	-	-	-	-
Total	-	8	2	-	-	10
Wheiks						
Pots	56	34	11	-	-	101
Lobsters						
Pots	199	26	1	-	-	226
Pots (exploratory licences)	-	-	-	-	-	-
Total	199	26	1	-	-	226
Shrimp						
Trawling	-	-	33	10	4	47
Snow Crabs						
Inshore, pots	-	8	6	-	-	14
Midshore, pots	-	4	36	-	-	40
Pots (exploratory licences)	5	5	8	-	-	18
Total	5	17	50	-	-	72
Rock Crabs						
Pots	31	4	1	-	-	36
Quahaugs Clams						
Drag	-	-	-	-	-	-
Drag (exploratory licences)	-	-	-	-	-	-
Total	-	-	-	-	-	-
Surf Clams						
Drag	-	-	-	-	-	-
Drag (exploratory licences)	-	-	-	-	-	-
Total	-	-	-	-	-	-
Soft Shell Clams						
Drag	-	-	-	-	-	-
Sea Urchin						
Unspecified gear (exploratory licences)	6	4	-	-	-	10
Shark						
Shark longline (exploratory licences)	-	2	-	-	-	2
TOTAL	1 358	497	343	21	5	2 224

TABLE 7

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED ON THE NORTH-SHORE

IN 1998 FOR THE MAIN SPECIES

LENGTH GROUP

SPECIES / TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65 to 99'11"	100' and over	TOTAL
GROUND FISH						
Beach seine	2	-	-	-	-	2
Trapnet	152	3	3	-	-	158
Hand line	-	-	-	-	-	- (1)
Fixed gear (gillnet and longline)	211	80	16	-	-	307
Mobile gear (trawls)	1	4	8	-	-	13
Total	366	87	27	-	-	480
PELAGIC SPECIES						
Herring						
Beach seine	-	-	-	-	-	-
Trapnet	13	2	-	-	-	15
Gillnet	230	68	22	-	-	320
Weir	2	-	-	-	-	2
Purse seine	4	3	2	-	-	9
Purse seine (exploratory licences)	-	-	-	-	-	-
Total	249	73	24	-	-	346
Mackerel						
Trapnet	6	2	-	-	-	8
Gillnet	53	19	10	-	-	82
Purse seine	5	3	2	-	-	10
Purse seine (exploratory licences)	-	-	-	-	-	-
Hand line	1	1	-	-	-	2
Total	65	25	12	-	-	102
Capelin						
Beach seine	25	-	-	-	-	25
Trapnet	41	8	3	-	-	52
Weir	2	-	-	-	-	2
Gillnet	-	-	-	-	-	-
Purse seine	3	3	2	-	-	8
Purse seine (exploratory licences)	-	-	-	-	-	-
Total	71	11	5	-	-	87
Bluefin Tuna						
Trotter line	-	-	-	-	-	-
Bait fish						
Beach seine	1	-	-	-	-	1
Gillnet	265	92	25	-	-	382
Total	266	92	25	-	-	383
Other species, unspecified						
Trapnet	-	-	-	-	-	-
Weir	1	-	-	-	-	1
Total	1	-	-	-	-	1

(1) These licences are registered but they have not been issued in 1998

TABLE 7

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED ON THE NORTH-SHORE

IN 1998 FOR THE MAIN SPECIES

LENGTH GROUP

SPECIES / TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 64'11"	65 to 99'11"	100' and over	TOTAL
MOLLUSCS AND CRUSTACEANS						
Sea Scallops						
Draggers	18	18	14	-	-	48
Manual draggers	-	-	-	-	-	-
Total	18	18	14	-	-	48
Wheiks						
Pots	104	48	14	-	-	166
Lobsters						
Pots	81	11	1	-	-	93
Pots (exploratory licences)	-	1	-	-	-	1
Total	81	12	1	-	-	94
Shrimp						
Trawling	-	-	8	-	-	8
Snow Crabs						
Inshore, pots	18	76	22	-	-	116
Midshore, pots	-	-	-	-	-	-
Pots (exploratory licences)	2	2	2	-	-	6
Total	20	78	24	-	-	122
Rock Crabs						
Pots	3	-	1	-	-	4
Quahaugs Clams						
Drag	-	-	-	-	-	-
Drag (exploratory licences)	-	-	-	-	-	-
Total	-	-	-	-	-	-
Surf Clams						
Drag	-	-	-	-	-	-
Drag (exploratory licences)	5	4	-	-	-	9
Total	5	4	-	-	-	9
Soft Shell Clams						
Drag	1	1	-	-	-	2
Sea Urchin						
Unspecified gear (exploratory licences)	29	5	-	-	-	34
TOTAL	1 277	454	155	-	-	1 886

TABLE 8

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN THE MAGDALEN ISLANDS

IN 1998 FOR THE MAIN SPECIES

(Excluding seal hunting licences)

LENGTH GROUP						
SPECIES / TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 54'11"	65 to 99'11"	100' and over	TOTAL
GROUND FISH						
Beach seine	-	-	-	-	-	-
Trapnet	-	-	-	-	-	-
Hand line	-	-	-	-	-	- (1)
Fixed gear (gillnet and longline)	142	30	2	-	-	174
Mobile gear (trawls)	1	15	7	1	6	30
Total	143	45	9	1	6	204
PELAGIC SPECIES						
Herring						
Beach seine	-	-	-	-	-	-
Trapnet	9	5	-	-	-	14
Gillnet	153	168	11	-	-	332
Purse seine	-	-	2	-	-	2
Total	162	173	13	-	-	348
Mackerel						
Trapnet	-	-	-	-	-	-
Gillnet	164	168	5	-	-	337
Purse seine	-	3	1	-	-	4
Purse seine (exploratory licences)	1	3	-	-	-	4
Hand line	25	12	-	-	-	37
Total	190	186	6	-	-	382
Capelin						
Beach seine	-	-	-	-	-	-
Trapnet	-	-	-	-	-	-
Gillnet	-	-	-	-	-	-
Purse seine	-	-	-	-	-	-
Total	-	-	-	-	-	-
Bluefin Tuna						
Troller line	8	24	8	-	-	40
Bait fish						
Beach seine	-	-	-	-	-	-
Gillnet	176	173	10	-	-	359
Total	176	173	10	-	-	359
Other species, unspecified						
Trapnet	-	-	-	-	-	-
Weir	-	-	-	-	-	-
Total	-	-	-	-	-	-

(1) These licences are registered but they have not been issued in 1998

TABLE 8

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN THE MAGDALEN ISLANDS

IN 1998 FOR THE MAIN SPECIES

(Excluding seal hunting licences)

LENGTH GROUP

SPECIES / TYPE OF GEAR	Under 35'	35' to 44'11"	45' to 54'11"	65 to 99'11"	100' and over	TOTAL
MOLLUSCS AND CRUSTACEANS						
Sea Scallops						
Draggers	-	18	5	-	-	23
Manual draggers	-	-	-	-	-	-
Total	-	18	5	-	-	23
Wheelks						
Pots	6	6	-	-	-	12
Lobsters						
Pots	156	170	3	-	-	329
Shrimp						
Trawling	-	-	-	-	-	-
Snow Crabs						
Inshore, pots	-	-	-	-	-	-
Midshore, pots	-	-	7	-	-	7
Pots (exploratory licences)	-	8	3	-	-	11
Total	-	8	10	-	-	18
Rock Crabs						
Pots	11	3	-	-	-	14
Quahaugs Clams						
Drag	-	1	1	-	-	2
Drag (exploratory licences)	1	-	-	-	-	1
Total	1	1	1	-	-	3
Surf Clams						
Drag	-	1	1	-	-	2
Drag (exploratory licences)	-	1	-	-	-	1
Total	-	2	1	-	-	3
Sea Urchin						
Unspecified gear (exploratory licences)	5	7	-	-	-	12
Shark						
Shark longline (exploratory licences)	1	-	-	-	-	1
Squid						
Fixed gear	1	5	-	-	-	6
TOTAL	860	821	66	1	6	1 754

TABLE 9
FISHING QUOTAS APPLICABLE TO QUEBEC
- 1998 SEASON -
(EXCLUDING SUPPLEMENTARY PURCHASE SLIPS)

SPECIES	(1) DIVISION	Type of fishing gear and category of boat	(5) PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (4)	% of catch under this quota in Quebec
Cod	4RS 3PN	Lower North Shore, Quebec based					
		Directed longline fishery. Boats under 65 feet.	June-July	726	15	690	2 17
			August	600	80	822	9 73
			September	400	28	376	7 45
			October	376	1	516	0 19
		Bycatch,	January 1st-December 31th	110	96	216	44 44
		Gillnet fishery (4S)	January 1st-December 31th	300	350	372	94 09
		Others Quebec boats					
		Sentinel fishery	January 1st-December 31th	400	117	142	82 39
		Vessels >100' scientific study	January 1st-December 31th	0	2	3	66 67

TABLE 9

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1998 SEASON -

(EXCLUDING SUPPLEMENTARY PURCHASE SLIPS)

SPECIES	(1) DIVISION	Type of fishing gear and category of boat	(5) PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (4)	% of catch under this quota in Quebec
Cod	4T	Bycatch	January 1st-December 31th	563	292	499	58.52
		Index fishery	January 1st-December 31th	1 459	467	1 219	38.31
		Other activities	January 1st-December 31th	0	173	173	100.00
		Sentinel fishery	January 1st-December 31th	650	350	607	57.66
TOTAL: Cod				5 604	1 971 (9)	5 635	34.98
Redfish	Unit 1	Fixed gear, boats under 65 feet	(6)	0	22	22	100.00
		Mobile gear, boats under 65 feet	(6)	0	47	47	100.00
		Vessels > 100' scientific study	(6)	1000	38	268	14.18
TOTAL: Redfish	Unit 2	Mobile gear, boats under 65 feet	(6)	317	63	363	17.36
				1 317	170	700	24.29

TABLE 9

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1998 SEASON -

(EXCLUDING SUPPLEMENTARY PURCHASE SLIPS)

SPECIES	(1) DIVISION	Type of fishing gear and category of boat	(6) PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (4)	% of catch under this quota in Quebec
American Plaice	4T	Fixed gear, boats under 65 feet	January 1st-December 31th	222	47	60	78.33
		Mobile gear, boats under 45 feet (competitive)	May 20th-June 20th	72	1	107	0.93
			August 24th-October 31st	313	1	308	
			Bycatch	47	1	104	
		Mobile gear, boats under 45 feet based in 4T (ITQ) (groundfish)	January 1st-December 31th	191	48	210	22.86
		Mobile gear, boats of 45 to 64 feet, based in 4T (ITQ) (groundfish)	January 1st-December 31th	494	76	219	34.70
		Mobile gear, boats of 45 to 64 feet, bycatch shrimp trawlers	January 1st-December 31th	22	25	25	100.00
TOTAL: American Plaice				1 361	199	1 033	19.26
Greysole	4RST	Mobile gear, boats under 65 feet,	January 1st-December 31th	350	28	507	5.52
TOTAL: Greysole				350	28	507	5.52

TABLE 9
FISHING QUOTAS APPLICABLE TO QUEBEC
- 1998 SEASON -
(EXCLUDING SUPPLEMENTARY PURCHASE SLIPS)

SPECIES	(1) DIVISION	Type of fishing gear and category of boat	(6) PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (4)	% of catch under this quota in Quebec
Winter Flounder	4T	Fixed and mobile gear, boats under 65 feet	January 1st-December 31th	1 000	68	634	10.73
White Hake	4T	Bycatch, all type of gear	January 1st-December 31th	0	12	119	10.08
Greenland Halibut	4RST	Fixed gear, boats under 65 feet	January 1st-December 31th	3 041	3 110	3 110	100.00
		Mobile gear, boats under 65 feet, (bycatch)	January 1st-December 31th	23	117	133	87.97
TOTAL: Greenland Halibut				3 064	3 227	3 243	99.51
Atlantic Halibut	4RST	Fixed gear, boats under 65 feet	January 1st-December 31th	210	146	278	52.52
		Mobile gear, boats under 65 feet, (bycatch)	January 1st-December 31th	35	10	10	100.00
TOTAL: Atlantic Halibut				245	156	288	54.17

TABLE 9

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1998 SEASON -

(EXCLUDING SUPPLEMENTARY PURCHASE SLIPS)

SPECIES	(1) DIVISION	Type of fishing gear and category of boat	(5) PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (4)	% of catch under this quota in Quebec
Herring	4S	All types of gear, boats under 65 feet	January 1st-December 31th	4 000	237	237	100 00
	4T	Spring fishery	Zone 16A (inshore fishery)	130	47	47	100 00
			Zone 16B (inshore fishery)	800	152	212	
			Zone 16D (inshore fishery)	1 200	1 892	1 892	100 00
			Zone 16A-G (inshore fishery) June 1st-June 4th	400	43	485	8 87
			Zone 16A-G (inshore fishery) June 9th-June 24th	345	46	403	11 41
		Fall fishery	Zone 16A (inshore fishery)	330	13	13	100 00
			Zone 16B (inshore fishery) July 5th-August 5th	550	13	13	100 00
			Zone 16B (inshore fishery) August 23rd- December 31st	18399	1636	17511	9 34
			Zone 16D (inshore fishery)	1 375	1 213	1 213	100 00
		Quebec small seiners		605	23	334	6 89
TOTAL: Herring				28 134	5 316	22 360	23 77

TABLE 9

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1998 SEASON -

(EXCLUDING SUPPLEMENTARY PURCHASE SLIPS)

SPECIES	(1) DIVISION	Type of fishing gear and category of boat	(5) PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (4)	% of catch under this quota in Quebec
Mackerel	3, 4	Historical fishery (inshore)	January 1st-December 31th	0	3 746	16 810	22.28
Capelin	4ST	All types of gear, boats under 65 feet	January 1st-December 31th	1 725	127	884	14.37
Sea Scallops (7)	4S	Zone 16E	(8)	57	(2) 57	57	100.00
		Zone 16F	(8)	31	(2) 30	30	100.00
		Zone 16G	(8)	36	(2) 13	13	100.00
		Zone 16H	(8)	15	(2) 2	2	100.00
		Zone 18A	(8)	46	(2) 46	46	100.00
TOTAL: Sea Scallops				185	148	148	100.00
Shrimp	Sept-iles	Mobile gear, boats under 100 feet	(8)	8 147	7 550	8 147	92.67
		Temporary allocation	(8)	759	885	997	88.77

TABLE 9

FISHING QUOTAS APPLICABLE TO QUEBEC

- 1998 SEASON -

(EXCLUDING SUPPLEMENTARY PURCHASE SLIPS)

SPECIES	DIVISION	Type of fishing gear and category of boat	(5) PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (4)	% of catch under this quota in Quebec
Shrimp	Anticosti	Mobile gear, boats under 100 feet	(8)	6 364	4 177	6 364	65.63
		Temporary allocation	(8)	593	468	653	71.67
	Esquiman	Mobile gear, boats under 100 feet of Western Newfoundland and Lower North-Shore	(8)	4 379	583	4 508	12.93
		Temporary allocation	(8)	526	16	459	3.49
		Mobile gear, boats under 100 feet of New Brunswick and Quebec (ITQ)	(8)	1 496	62	1 496	4.14
		Temporary allocation	(8)	139	44	132	33.33
Estuary		Mobile gear, boats under 100 feet	(8)	579	579	579	100.00
		Temporary allocation	(8)	54	(3)	68	4.41
North	Zone 6 Fishers - North of 50° 30'N		January 1st-November 16th	733	672	1 057	63.58
				23 769	15 039	24 460	61.48
TOTAL: Shrimp							

TABLE 9
FISHING QUOTAS APPLICABLE TO QUEBEC
- 1998 SEASON -
(EXCLUDING SUPPLEMENTARY PURCHASE SLIPS)

SPECIES	DIVISION (1)	Type of fishing gear and category of boat	PERIOD (8)	QUOTA (3)	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (4)	% of catch under this quota in Quebec
Snow Crabs	4T	Midshore fleet Zone 12	(8)	10 533	3 765	10 544	35 71
		Inshore fleet Zone 17	(8)	1315	1 285	1 285	100 00
		Zone A, Gaspé North (exploratory fishery)	(8)	227	212	212	100 00
		Zone B, Anticosti South (exploratory fishery)	(8)	327	327	327	100 00
		Zone C, North Shore (exploratory fishery)	(8)	194	193	193	100 00
		Laurentian Channel (exploratory fishery)	(8)	163	40	161	24 84
		Cap Breton and Magdalen Islands (exploratory fishery)	(8)	288	200	290	68 97
		Inshore fleet Zone 13	(8)	838	720	838	85 92
		Inshore fleet Zone 14 -	(8)	519	510	523	97 51
		Temporary allocation zone 14	(8)	24	23	23	100 00



TABLE 9

FISHING QUOTAS APPLICABLE TO QUEBEC
- 1998 SEASON -
(EXCLUDING SUPPLEMENTARY PURCHASE SLIPS)

SPECIES	(1) DIVISION	Type of fishing gear and category of boat	(5) PERIOD	QUOTA	Catch landed in Quebec (m.t.) (final figures)	Total catch under this quota (preliminary figures) (4)	% of catch under this quota in Quebec
Snow Crabs	4S	Inshore fleet Zone 15 -	(8)	398	397	397	100 00
		Temporary allocation Zone 15	(8)	24	24	24	100 00
		Inshore fleet Zone 16 -	(8)	2 476	2 475	2 475	100 00
		Temporary allocation Zone 16	(8)	151	151	151	100 00
TOTAL: Snow Crabs			17 477	10 322	17 443	59.18	

- (1) Refers to the divisions of NAFO (North-West Atlantic Fisheries Organization), except in the case of shrimp, for which references are to management areas established by the Department of Fisheries and Oceans.
- (2) This global quota is subdivided into individual quotas and is set for Quebec fishermen.
- (3) This global quota is subdivided into individual quotas.
- (4) In this total, Maritimes and Newfoundland figures do not constitute final figures.
- (5) The period represents the opening date to closing date of quota.
- (6) The unit 1 gathers the divisions 4RST, 3Pn (January to May) and 4Vn (January to May) and unit 2 gathers the divisions 3Pn (June to December), 3Ps, 4Vn (June to December).
- (7) Only for this species, the quantities presented in this table are meat weight.
- (8) There is no period written down because it is an individual quota.



TABLE 10A

WEEKLY CRAB LANDINGS BY ZONE

(Excluding supplementary purchase slips)

- 1998 SEASON -

(Quantity in rounded metric tons, live weight)

WEEKS	ZONE 12	ZONE 13	ZONE 14	ZONE 14 Temporary allocation	ZONE 15	ZONE 15 Temporary allocation
13- March 22th to March 28th.....	-	-	-	-	-	-
14- March 29th to April 4th.....	-	-	-	-	-	-
15- April 5th to April 11th.....	-	-	-	-	-	-
16- April 12th to April 18th.....	-	-	-	-	14.69	-
17- April 19th to April 25th.....	-	-	-	-	32.96	-
18- April 26th to May 2nd.....	-	-	-	-	62.80	-
19- May 3rd to May 9th.....	376.67	-	-	-	48.52	-
20- May 10th to May 16th.....	636.16	-	-	-	45.33	-
21- May 17th to May 23th.....	563.15	-	-	-	39.75	-
22- May 24th to May 30th.....	619.59	-	27.66	-	48.09	-
23- May 31th to June 6th.....	464.68	2.66	47.86	-	32.22	-
24- June 7th to June 13th.....	434.65	65.09	62.73	-	32.54	1.27
25- June 14th to June 20th.....	324.12	71.75	38.64	-	9.66	2.77
26- June 21th to June 27th.....	229.53	95.84	44.67	-	5.77	6.67
27- June 28th to July 4th.....	92.60	109.70	51.70	-	7.39	4.00
28- July 5th to July 11th.....	22.94	104.91	45.78	-	12.51	5.54
29- July 12th to July 18th.....	0.61	55.65	32.52	-	2.36	-
30- July 19th to July 25th.....	0.35	49.27	31.38	-	1.32	-
31- July 26th to August 1st.....	-	41.23	38.33	1.11	1.50	-
32- August 2nd to August 8th.....	-	40.14	33.84	3.65	-	2.17
33- August 9th to August 15th.....	-	10.41	12.61	3.06	-	1.55
34- August 16th to August 22th.....	-	40.64	20.73	7.49	-	-
35- August 23th to August 29th.....	-	20.89	16.06	5.73	-	-
36- August 30th to September 5th.....	-	7.00	4.73	1.28	-	-
37- September 6th to September 12th.....	-	4.54	0.58	0.39	-	-
38- September 13th to September 19th.....	-	0.24	-	-	-	-
39- September 20th to September 26th.....	-	-	-	-	-	-
40- September 27th to October 3rd.....	-	-	-	-	-	-
41- October 4th to October 10th.....	-	-	-	-	-	-
42- October 11th to October 17th.....	-	-	-	-	-	-
43- October 18th to October 24th.....	-	-	-	-	-	-
44- October 25th to October 31th.....	-	-	-	-	-	-
45- November 1st to November 7th.....	-	-	-	-	-	-
46- November 8th to November 14th.....	-	-	-	-	-	-
47- November 15th to November 21th.....	-	-	-	-	-	-
48- November 22th to November 28th.....	-	-	-	-	-	-
49- November 29th to December 5th.....	-	-	-	-	-	-
50- December 6th to December 12th.....	-	-	-	-	-	-
51- December 13th to December 19th.....	-	-	-	-	-	-
52- December 20th to December 26th.....	-	-	-	-	-	-
53- December 27th to December 30th.....	-	-	-	-	-	-
Total.....	3 765.05	719.95	509.81	22.70	397.38	23.97

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 10A

WEEKLY CRAB LANDINGS BY ZONE

(Excluding supplementary purchase slips)

- 1996 SEASON -

(Quantity in rounded metric tons, live weight)

WEEKS	ZONE 16	ZONE 16 Temporary allocation	ZONE 17	Zone A (Gaspé North) exploratory	Zone B (Anticosti South) exploratory
13- March 22th to March 28th.....	-	-	11.24	-	-
14- March 29th to April 4th.....	-	-	53.62	-	-
15- April 5th to April 11th.....	252.70	-	112.10	3.70	21.25
16- April 12th to April 18th.....	329.04	-	116.38	18.49	25.31
17- April 19th to April 25th.....	248.56	-	122.73	17.73	17.96
18- April 26th to May 2nd.....	241.20	-	96.16	30.49	32.85
19- May 3rd to May 9th.....	214.17	-	112.13	31.35	43.01
20- May 10th to May 16th.....	228.01	-	126.94	22.94	52.06
21- May 17th to May 23th.....	197.58	-	115.21	15.15	41.68
22- May 24th to May 30th.....	193.79	2.76	149.51	12.25	21.83
23- May 31th to June 6th.....	132.66	10.71	134.60	6.12	26.43
24- June 7th to June 13th.....	163.39	41.30	93.98	12.11	18.62
25- June 14th to June 20th.....	68.77	24.51	39.97	6.62	10.99
26- June 21th to June 27th.....	88.84	37.06	-	7.30	9.99
27- June 28th to July 4th.....	45.08	20.96	-	6.11	5.20
28- July 5th to July 11th.....	34.24	8.91	-	6.69	-
29- July 12th to July 18th.....	20.51	3.30	-	7.26	-
30- July 19th to July 25th.....	8.83	0.70	-	6.44	-
31- July 26th to August 1st.....	7.55	0.52	-	0.37	-
32- August 2nd to August 8th.....	-	-	-	0.58	-
33- August 9th to August 15th.....	-	-	-	0.61	-
34- August 16th to August 22th.....	-	-	-	0.06	-
35- August 23th to August 29th.....	-	-	-	-	-
36- August 30th to September 5th.....	-	-	-	-	-
37- September 6th to September 12th.....	-	-	-	-	-
38- September 13th to September 19th.....	-	-	-	-	-
39- September 20th to September 26th.....	-	-	-	-	-
40- September 27th to October 3rd.....	-	-	-	-	-
41- October 4th to October 10th.....	-	-	-	-	-
42- October 11th to October 17th.....	-	-	-	-	-
43- October 18th to October 24th.....	-	-	-	-	-
44- October 25th to October 31th.....	-	-	-	-	-
45- November 1st to November 7th.....	-	-	-	-	-
46- November 8th to November 14th.....	-	-	-	-	-
47- November 15th to November 21th.....	-	-	-	-	-
48- November 22th to November 28th.....	-	-	-	-	-
49- November 29th to December 5th.....	-	-	-	-	-
50- December 6th to December 12th.....	-	-	-	-	-
51- December 13th to December 19th.....	-	-	-	-	-
52- December 20th to December 26th.....	-	-	-	-	-
53- December 27th to December 30th.....	-	-	-	-	-
Total.....	2 474.92	150.73	1 284.55	212.36	327.17

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 10A

WEEKLY CRAB LANDINGS BY ZONE

(Excluding supplementary purchase slips)

- 1998 SEASON -

(Quantity in rounded metric tons, live weight)

WEEKS	Zone C (Anticosti East) exploratory	Laurentian Channel exploratory	Cap Breton & MI exploratory	TOTAL
13- March 22th to March 28th.....	-	-	-	11.24
14- March 29th to April 4th.....	-	-	-	53.62
15- April 5th to April 11th.....	-	-	-	389.74
16- April 12th to April 18th.....	-	-	-	503.91
17- April 19th to April 25th.....	-	-	-	439.94
18- April 26th to May 2nd.....	-	-	-	463.48
19- May 3rd to May 9th.....	-	-	-	825.84
20- May 10th to May 16th.....	23.56	-	-	1 134.99
21- May 17th to May 23th.....	39.26	0.62	35.92	1 048.32
22- May 24th to May 30th.....	52.45	2.93	64.68	1 195.53
23- May 31th to June 6th.....	26.21	7.31	47.51	938.97
24- June 7th to June 13th.....	28.19	4.99	38.41	997.28
25- June 14th to June 20th.....	12.15	8.47	9.14	627.57
26- June 21th to June 27th.....	11.62	6.44	2.94	546.67
27- June 28th to July 4th.....	-	4.25	1.09	348.08
28- July 5th to July 11th.....	-	1.62	0.34	243.47
29- July 12th to July 18th.....	-	3.42	-	125.61
30- July 19th to July 25th.....	-	-	-	98.27
31- July 26th to August 1st.....	-	-	-	90.61
32- August 2nd to August 8th.....	-	-	-	80.37
33- August 9th to August 15th.....	-	-	-	28.23
34- August 16th to August 22th.....	-	-	-	68.92
35- August 23th to August 29th.....	-	-	-	42.68
36- August 30th to September 5th.....	-	-	-	13.02
37- September 6th to September 12th.....	-	-	-	5.50
38- September 13th to September 19th.....	-	-	-	0.24
39- September 20th to September 26th.....	-	-	-	-
40- September 27th to October 3rd.....	-	-	-	-
41- October 4th to October 10th.....	-	-	-	-
42- October 11th to October 17th.....	-	-	-	-
43- October 18th to October 24th.....	-	-	-	-
44- October 25th to October 31th.....	-	-	-	-
45- November 1st to November 7th.....	-	-	-	-
46- November 8th to November 14th.....	-	-	-	-
47- November 15th to November 21th.....	-	-	-	-
48- November 22th to November 28th.....	-	-	-	-
49- November 29th to December 5th.....	-	-	-	-
50- December 6th to December 12th.....	-	-	-	-
51- December 13th to December 19th.....	-	-	-	-
52- December 20th to December 26th.....	-	-	-	-
53- December 27th to December 30th.....	-	-	-	-
Total.....	193.44	40.03	200.03	10 322.09

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 10B

WEEKLY SHRIMP LANDINGS BY SHOAL

- 1998 SEASON -

(Quantity in rounded metric tons, live weight)

WEEKS	(1) SEPT-ILES	(1) ESQUIMAN GROUP A <u>Enterprise</u> <u>allocation</u>	(1) ESQUIMAN GROUP B <u>Enterprise</u> <u>allocation</u>	ANTICOSTI	ESTUARY	NORTHERN	TOTAL
14- March 29th to April 4th.....	250.57	-	-	-	38.92	-	289.49
15- April 5th to April 11th.....	624.06	-	-	2.73	64.62	-	691.40
16- April 12th to April 18th.....	460.03	-	24.70	-	35.32	-	520.05
17- April 19th to April 25th.....	496.08	-	-	21.00	55.16	-	572.24
18- April 26th to May 2nd.....	535.18	21.73	-	63.75	57.39	-	678.05
19- May 3rd to May 9th.....	613.75	44.34	-	102.75	61.35	-	822.19
20- May 10th to May 16th.....	591.28	59.19	-	178.21	54.68	-	883.35
21- May 17th to May 23th.....	594.77	41.21	-	105.68	4.92	-	746.58
22- May 24th to May 30th.....	364.87	31.39	-	246.74	30.63	17.40	691.03
23- May 31th to June 6th.....	325.00	35.30	-	273.44	45.25	-	678.99
24- June 7th to June 13th.....	118.10	25.71	-	445.53	-	-	589.34
25- June 14th to June 20th.....	100.94	59.18	-	445.50	-	-	605.62
26- June 21th to June 27th.....	198.40	54.67	21.21	424.08	-	18.80	717.16
27- June 28th to July 4th.....	181.92	21.35	-	340.10	-	16.19	559.55
28- July 5th to July 11th.....	345.47	10.36	-	282.92	23.48	41.36	703.58
29- July 12th to July 18th.....	214.51	-	-	373.86	21.51	74.13	684.00
30- July 19th to July 25th.....	211.29	-	-	231.62	-	35.86	478.77
31- July 26th to August 1st.....	221.70	55.06	31.06	196.66	21.50	27.13	553.11
32- August 2nd to August 8th.....	218.25	-	13.31	162.53	18.29	116.63	529.01
33- August 9th to August 15th.....	139.18	28.57	-	211.93	12.58	-	392.27
34- August 16th to August 22th.....	231.38	-	-	128.64	1.05	-	361.07
35- August 23th to August 29th.....	287.48	11.62	-	120.73	15.97	86.72	522.72
36- August 30th to September 5th.....	223.02	-	-	152.28	6.04	160.53	541.87
37- September 6th to September 12th.....	254.97	29.17	-	16.67	2.45	22.08	325.34
38- September 13th to September 19th.....	145.14	57.77	-	17.23	-	21.47	241.61
39- September 20th to September 26th.....	96.61	12.56	-	42.63	18.64	-	168.44
40- September 27th to October 3rd.....	100.85	-	15.73	11.52	13.12	33.45	174.66
41- October 4th to October 10th.....	52.78	-	-	21.99	11.52	-	86.29
42- October 11th to October 17th.....	96.29	-	-	22.22	-	-	118.50
43- October 18th to October 24th.....	78.62	-	-	2.30	32.55	-	113.47
44- October 25th to October 31th.....	22.63	-	-	-	-	-	22.63
45- November 1st to November 7th.....	18.11	-	-	-	-	-	18.11
46- November 8th to November 14th.....	19.56	-	-	-	1.95	-	21.50
47- November 15th to November 21th.....	0.20	-	-	-	-	-	0.20
48- November 22th to November 28th.....	-	-	-	-	-	-	-
49- November 29th to December 5th.....	-	-	-	-	-	-	-
50- December 6th to December 12th.....	-	-	-	-	-	-	-
51- December 13th to December 19th.....	0.45	-	-	-	-	-	0.45
52- December 20th to December 26th.....	1.51	-	-	-	-	-	1.51
53- December 27th to December 30th.....	-	-	-	-	-	-	-
Total.....	8 434.93	599.37	106.01	4 645.23	646.86	671.73	15 104.12

(1) Temporary allocation are included

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 10C

WEEKLY COD LANDINGS BY DIVISION
FOR THE MAIN MOBILE GEARS GROUPS
(Excluding supplementary purchase slips)

- 1998 SEASON -

(Quantity in rounded metric tons, live weight)

WEEKS	SENTINEL FISHERY DIV.4RS-3PN	< 65' DIV.4T	SENTINEL FISHERY DIV.4T	INDEX FISHERY DIV.4T	OTHER ACTIVITIES DIV.4T	TOTAL
14- March 29th to April 4th.....	-	-	-	-	..	-
15- April 5th to April 11th.....	-	-	-	-	..	-
16- April 12th to April 18th.....	-	-	-	-	..	-
17- April 19th to April 25th.....	-	-	-	-	..	-
18- April 26th to May 2nd.....	-	0.28	-	-	..	0.28
19- May 3rd to May 9th.....	-	1.23	-	-	..	1.23
20- May 10th to May 16th.....	-	0.61	-	-	..	0.61
21- May 17th to May 23th.....	-	0.53	-	-	..	0.53
22- May 24th to May 30th.....	-	5.02	-	-	..	5.02
23- May 31th to June 6th.....	-	8.00	-	-	..	8.00
24- June 7th to June 13th.....	-	3.03	-	-	..	3.03
25- June 14th to June 20th.....	-	8.85	-	-	..	8.85
26- June 21th to June 27th.....	-	1.19	-	-	..	1.19
27- June 28th to July 4th.....	1.77	-	-	-	..	1.77
28- July 5th to July 11th.....	-	7.43	30.88	-	..	38.31
29- July 12th to July 18th.....	1.47	-	32.75	-	..	34.22
30- July 19th to July 25th.....	-	0.04	15.64	-	..	15.68
31- July 26th to August 1st.....	-	0.06	59.44	30.95	..	90.45
32- August 2nd to August 8th.....	-	2.22	32.80	41.92	..	76.94
33- August 9th to August 15th.....	-	0.34	15.59	22.39	115.33	153.65
34- August 16th to August 22th.....	-	1.28	28.84	61.49	57.53	149.14
35- August 23th to August 29th.....	-	0.22	40.45	21.84	..	62.50
36- August 30th to September 5th.....	-	1.89	1.24	57.20	..	60.32
37- September 6th to September 12th...	-	0.70	20.57	21.97	..	43.23
38- September 13th to September 19th.	-	3.74	15.93	13.82	..	33.49
39- September 20th to September 26th.	-	2.77	4.39	27.56	..	34.72
40- September 27th to October 3rd.....	-	-	4.33	-	..	4.33
41- October 4th to October 10th.....	0.26	1.59	10.69	2.79	..	15.33
42- October 11th to October 17th.....	-	1.17	31.37	16.06	..	48.60
43- October 18th to October 24th.....	-	2.24	0.90	-	..	3.14
44- October 25th to October 31th.....	-	0.16	-	3.14	..	3.30
45- November 1st to November 7th.....	-	-	0.01	-	..	0.01
46- November 8th to November 14th.....	-	0.01	0.01	25.87	..	25.89
47- November 15th to November 21th...	-	-	-	-	..	-
48- November 22th to November 28th...	-	0.02	-	-	..	0.02
49- November 29th to December 5th.....	-	-	-	-	..	-
50- December 6th to December 12th.....	-	-	-	8.84	..	8.84
51- December 13th to December 19th...	-	-	-	35.89	..	35.89
52- December 20th to December 26th...	-	-	-	-	..	-
53- December 27th to December 30th...	-	-	-	-	..	-
Total.....	3.50	54.60	345.81	391.72	172.86	968.49

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 10D

WEEKLY COD LANDINGS BY DIVISION

FOR ALL FIXED GEARS

(Excluding supplementary purchase slips)

- 1998 SEASON-

(Quantity in rounded metric tons, live weight)

WEEKS	>100' 4RS 3PN DIVISION	BY CATCH DIV.4RS-3PN	LONGLINE DIV.4RS-3PN	GILL NET DIV.4RS-3PN
18- April 26th to May 2nd.....	-	-	-	-
19- May 3rd to May 9th.....	-	0.81	-	-
20- May 10th to May 16th.....	-	4.84	-	-
21- May 17th to May 23th.....	-	2.72	-	-
22- May 24th to May 30th.....	-	10.75	-	-
23- May 31th to June 6th.....	-	0.27	-	-
24- June 7th to June 13th.....	-	2.97	-	-
25- June 14th to June 20th.....	-	1.96	-	-
26- June 21th to June 27th.....	-	0.32	-	-
27- June 28th to July 4th.....	-	7.92	8.45	-
28- July 5th to July 11th.....	-	0.13	6.16	85.44
29- July 12th to July 18th.....	-	5.51	0.40	139.17
30- July 19th to July 25th.....	-	3.48	-	-
31- July 26th to August 1st.....	2.46	11.55	-	0.30
32- August 2nd to August 8th.....	-	0.04	20.03	125.51
33- August 9th to August 15th.....	-	17.68	20.51	-
34- August 16th to August 22th.....	-	1.35	38.15	-
35- August 23th to August 29th.....	-	2.05	0.84	-
36- August 30th to September 5th.....	-	0.76	26.89	-
37- September 6th to September 12th.....	-	0.65	0.76	-
38- September 13th to September 19th.....	-	0.91	-	-
39- September 20th to September 26th.....	-	0.85	-	-
40- September 27th to October 3rd.....	-	0.52	0.64	-
41- October 4th to October 10th.....	-	14.40	-	-
42- October 11th to October 17th.....	-	1.58	-	-
43- October 18th to October 24th.....	-	0.81	-	-
44- October 25th to October 31th.....	-	-	-	-
45- November 1st to November 7th.....	-	-	-	-
46- November 8th to November 14th.....	-	-	-	-
47- November 15th to November 21th.....	-	-	-	-
48- November 22th to November 28th.....	-	-	-	-
49- November 29th to December 5th.....	-	-	-	-
50- December 6th to December 12th.....	-	-	-	-
51- December 13th to December 19th.....	-	-	-	-
52- December 20th to December 26th.....	-	-	-	-
53- December 27th to December 30th.....	-	-	-	-
Total.....	2.46	94.82	122.82	350.42

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 10D

WEEKLY COD LANDINGS BY DIVISION

FOR ALL FIXED GEARS

(Excluding supplementary purchase slips)

- 1998 SEASON-

(Quantity in rounded metric tons, live weight)

WEEKS	SENTINEL FISHERY DIV.4RS-3PN	< 65' DIVISION 4T	INDEX FISHERY DIV.4T	SENTINEL FISHERY DIV.4T	TOTAL
18- April 26th to May 2nd.....	-	0.03	-	-	0.03
19- May 3rd to May 9th.....	-	20.54	-	-	21.35
20- May 10th to May 16th.....	-	36.31	-	-	41.15
21- May 17th to May 23th.....	-	2.98	-	-	5.70
22- May 24th to May 30th.....	-	3.35	-	-	14.09
23- May 31th to June 6th.....	-	6.86	-	-	7.13
24- June 7th to June 13th.....	-	48.48	-	-	51.44
25- June 14th to June 20th.....	0.03	41.82	-	-	43.81
26- June 21th to June 27th.....	5.03	2.96	-	-	8.31
27- June 28th to July 4th.....	15.91	2.07	-	-	34.35
28- July 5th to July 11th.....	19.53	0.44	-	0.13	111.82
29- July 12th to July 18th.....	21.29	1.36	-	0.36	168.10
30- July 19th to July 25th.....	20.54	0.11	-	0.10	24.23
31- July 26th to August 1st.....	10.22	3.47	-	0.18	28.16
32- August 2nd to August 8th.....	7.24	5.88	-	0.29	158.99
33- August 9th to August 15th.....	3.66	17.13	-	-	58.97
34- August 16th to August 22th.....	3.41	10.05	-	0.40	53.36
35- August 23th to August 29th.....	2.97	1.93	22.74	0.59	31.12
36- August 30th to September 5th.....	2.21	8.39	17.52	0.41	56.16
37- September 6th to September 12th	1.67	7.99	19.62	0.68	31.37
38- September 13th to September 19t	-	9.93	9.32	0.22	20.37
39- September 20th to September 26t	-	5.01	5.06	0.42	11.35
40- September 27th to October 3rd....	-	0.05	0.96	0.05	2.22
41- October 4th to October 10th.....	-	-	-	0.07	14.47
42- October 11th to October 17th.....	-	0.06	-	0.03	1.67
43- October 18th to October 24th.....	-	-	-	-	0.81
44- October 25th to October 31th.....	-	-	-	-	-
45- November 1st to November 7th....	-	-	-	-	-
46- November 8th to November 14th..	-	-	-	-	-
47- November 15th to November 21th	-	-	-	-	-
48- November 22th to November 28th	-	-	-	-	-
49- November 29th to December 5th..	-	-	-	-	-
50- December 6th to December 12th..	-	-	-	-	-
51- December 13th to December 19th	-	-	-	-	-
52- December 20th to December 26th	-	-	-	-	-
53- December 27th to December 30th	-	-	-	-	-
Total.....	113.69	237.18	75.20	3.93	1 000.52

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 10E

WEEKLY LOBSTER LANDINGS BY ZONE

- 1998 SEASON -

(Quantity in rounded metric tons, live weight)

WEEKS	ZONE 15	ZONE 16	ZONE 17	ZONE 18	ZONE 19
14- March 29th to April 4th.....	-	-	-	-	-
15- April 5th to April 11th.....	-	-	-	-	-
16- April 12th to April 18th.....	-	-	-	-	-
17- April 19th to April 25th.....	-	-	-	-	-
18- April 26th to May 2nd.....	-	-	-	-	0.02
19- May 3rd to May 9th.....	0.06	-	-	-	0.02
20- May 10th to May 16th.....	-	-	-	-	0.64
21- May 17th to May 23th.....	0.03	0.50	5.01	-	3.58
22- May 24th to May 30th.....	2.99	4.21	20.87	0.18	3.74
23- May 31th to June 6th.....	1.74	3.28	4.83	1.09	2.97
24- June 7th to June 13th.....	3.02	0.38	31.88	0.06	5.93
25- June 14th to June 20th.....	2.45	1.93	6.71	0.57	2.07
26- June 21th to June 27th.....	1.75	2.09	16.96	0.29	1.98
27- June 28th to July 4th.....	2.44	0.44	11.86	2.56	3.74
28- July 5th to July 11th.....	1.08	1.52	13.09	0.12	2.02
29- July 12th to July 18th.....	0.59	0.07	5.42	-	1.54
30- July 19th to July 25th.....	0.33	0.61	9.98	0.06	2.18
31- July 26th to August 1st.....	0.89	0.21	2.96	2.13	1.87
32- August 2nd to August 8th.....	0.11	-	0.01	-	-
33- August 9th to August 15th.....	0.04	-	-	-	-
34- August 16th to August 22th.....	0.02	-	-	-	-
35- August 23th to August 29th.....	-	-	-	-	-
36- August 30th to September 5th.....	0.63	0.21	0.10	-	0.04
37- September 6th to September 12th.....	-	-	-	-	-
38- September 13th to September 19th.....	-	-	-	-	-
39- September 20th to September 26th.....	-	-	-	-	-
40- September 27th to October 3rd.....	-	-	-	-	-
41- October 4th to October 10th.....	-	-	-	-	-
42- October 11th to October 17th.....	-	-	-	-	-
43- October 18th to October 24th.....	-	-	-	-	-
44- October 25th to October 31th.....	-	-	-	-	-
45- November 1st to November 7th.....	-	-	-	-	-
46- November 8th to November 14th.....	-	-	-	-	-
47- November 15th to November 21th.....	-	-	-	-	-
48- November 22th to November 28th.....	-	-	-	-	-
49- November 29th to December 5th.....	-	-	-	-	-
50- December 6th to December 12th.....	-	-	-	-	-
51- December 13th to December 19th.....	-	-	-	-	-
52- December 20th to December 26th.....	-	-	-	-	-
53- December 27th to December 30th.....	-	-	-	-	-
Total.....	18.16	15.46	129.67	7.06	32.33

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 10E

WEEKLY LOBSTER LANDINGS BY ZONE

- 1998 SEASON -

(Quantity in rounded metric tons, live weight)

WEEKS	ZONE 20A	ZONE 20B	ZONE 21	ZONE 22	TOTAL
14- March 29th to April 4th.....	-	-	-	-	-
15- April 5th to April 11th.....	-	-	-	-	-
16- April 12th to April 18th.....	-	-	-	-	-
17- April 19th to April 25th.....	0.04	-	-	-	0.04
18- April 26th to May 2nd.....	59.55	65.01	-	1.18	125.75
19- May 3rd to May 9th.....	56.06	61.74	4.50	462.97	585.34
20- May 10th to May 16th.....	83.07	53.90	5.41	379.26	522.27
21- May 17th to May 23th.....	77.72	41.43	6.52	285.98	420.78
22- May 24th to May 30th.....	68.21	38.51	6.84	239.12	384.66
23- May 31th to June 6th.....	51.51	31.96	4.99	177.27	279.63
24- June 7th to June 13th.....	53.03	31.32	4.18	156.73	286.53
25- June 14th to June 20th.....	20.22	12.99	3.30	93.27	143.50
26- June 21th to June 27th.....	24.36	12.26	2.39	80.88	142.96
27- June 28th to July 4th.....	21.82	7.77	2.38	38.17	91.17
28- July 5th to July 11th.....	12.18	0.87	0.92	-	31.78
29- July 12th to July 18th.....	1.01	0.03	0.22	-	8.87
30- July 19th to July 25th.....	-	-	-	-	13.16
31- July 26th to August 1st.....	2.07	0.22	0.16	0.40	10.90
32- August 2nd to August 8th.....	-	-	-	-	0.11
33- August 9th to August 15th.....	-	-	-	-	0.04
34- August 16th to August 22th.....	-	-	-	-	0.02
35- August 23th to August 29th.....	-	-	-	-	-
36- August 30th to September 5th.....	-	-	-	-	0.98
37- September 6th to September 12th.....	-	-	-	-	-
38- September 13th to September 19th.....	-	-	-	-	-
39- September 20th to September 26th.....	-	-	-	-	-
40- September 27th to October 3rd.....	-	-	-	-	-
41- October 4th to October 10th.....	-	-	-	-	-
42- October 11th to October 17th.....	-	-	-	-	-
43- October 18th to October 24th.....	-	-	-	-	-
44- October 25th to October 31th.....	-	-	-	-	-
45- November 1st to November 7th.....	-	-	-	-	-
46- November 8th to November 14th.....	-	-	-	-	-
47- November 15th to November 21th.....	-	-	-	-	-
48- November 22th to November 28th.....	-	-	-	-	-
49- November 29th to December 5th.....	-	-	-	-	-
50- December 6th to December 12th.....	-	-	-	-	-
51- December 13th to December 19th.....	-	-	-	-	-
52- December 20th to December 26th.....	-	-	-	-	-
53- December 27th to December 30th.....	-	-	-	-	-
Total.....	530.81	357.99	41.80	1915.21	3048.48

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

***LANDINGS IN
QUEBEC***

TABLE 11

LANDINGS IN QUEBEC IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	1 581	1 557	2 092	1 957	32.3	25.7
Haddock.....	-	-	-	-	N/A	N/A
Redfish.....	28	14	180	150	N/A	N/A
Atlantic Halibut.....	151	828	175	916	15.9	10.6
American Plaice.....	357	308	230	179	-35.6	-41.9
Greysole.....	22	27	28	22	27.3	-18.5
Winter Flounder.....	115	73	75	49	-34.8	-32.9
Unspecified Flounders.....	-	-	29	19	N/A	N/A
Greenland Halibut.....	2 146	3 439	3 227	5 351	50.4	55.6
White Hake.....	10	6	25	13	150.0	116.7
Catfish.....	4	1	2	1	-50.0	-
Other groundfish.....	816	479	208	117	-74.5	-75.6
Total groundfish.....	5 230	6 731	6 271	8 773	19.9	30.3
Herring.....	5 750	975	6 019	1 071	4.7	9.8
Mackerel.....	5 769	2 621	4 066	2 062	-29.5	-21.3
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	112	735	158	702	41.1	-4.5
Salmon.....	30	157	7	29	-76.7	-81.5
Smelts.....	343	158	140	112	-59.2	-29.1
Capelin.....	484	59	259	30	-46.5	-49.2
Other pelagic and estuarian species.....	131	567	124	411	-5.3	-27.5
Total pelagic and estuarian species.....	12 618	5 273	10 771	4 417	-14.6	-16.2
Soft Shell Clams.....	1 018	1 204	800	952	-21.4	-20.9
Quahags Clams.....	34	42	59	73	73.5	73.8
Mussels.....	29	58	72	133	148.3	129.3
Sea Scallops.....	2 331	4 368	2 711	4 941	16.3	13.1
Winkles.....	1 015	787	841	596	-17.1	-24.3
Lobsters.....	2 827	29 232	3 048	29 491	7.8	0.9
Shrimp.....	12 974	23 159	15 104	23 814	16.4	2.8
Snow Crabs.....	11 436	41 833	10 344	28 647	-9.5	-31.5
Other mollusc and crustacean.....	1 283	720	1 461	943	13.9	31.0
Total mollusc and crustacean.....	32 948	101 403	34 440	89 589	4.5	-11.7
Other items.....	433	791	499	277	15.2	-65.0
Total.....	51 229	114 198	51 980	103 056	1.5	-9.8

TABLE 11A

LANDINGS IN QUEBEC BY VESSELS UNDER 35' IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	597	583	761	698	27.5	19.7
Haddock.....	-	-	°	°	N/A	N/A
Redfish.....	11	6	13	5	18.2	-16.7
Atlantic Halibut.....	30	179	45	257	50.0	43.6
American Plaice.....	45	39	37	31	-17.8	-20.5
Greysole.....	1	°	°	°	N/A	N/A
Winter Flounder.....	59	40	64	42	8.5	5.0
Unspecified Flounders.....	-	-	24	16	N/A	N/A
Greenland Halibut.....	554	883	781	1 293	41.0	46.4
White Hake.....	1	°	1	1	-	N/A
Catfish.....	°	°	°	°	N/A	N/A
Other groundfish.....	22	9	31	18	40.9	100.0
Total groundfish.....	1 320	1 739	1 756	2 359	33.0	35.7
Herring.....	2 321	433	2 702	488	16.4	12.7
Mackerel.....	3 427	1 561	2 053	1 067	-40.1	-31.6
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	112	735	141	629	25.9	-14.4
Salmon.....	30	157	6	29	-80.0	-81.5
Smelts.....	343	158	127	101	-63.0	-36.1
Capelin.....	480	59	259	30	-46.0	-49.2
Other pelagic and estuarian species.....	112	553	97	399	-13.4	-27.8
Total pelagic and estuarian species.....	6 823	3 656	5 386	2 743	-21.1	-25.0
Soft Shell Clams.....	993	1 174	800	952	-19.4	-18.9
Quahags Clams.....	34	42	59	73	73.5	73.8
Mussels.....	29	58	72	133	148.3	129.3
Sea Scallops.....	232	602	233	546	0.4	-9.3
Winkles.....	572	447	529	363	-7.5	-18.8
Lobsters.....	1 724	17 741	1 852	18 125	7.4	2.2
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	710	2 398	561	1 549	-21.0	-35.4
Other mollusc and crustacean.....	1 087	622	1 188	790	9.3	27.0
Total mollusc and crustacean.....	5 380	23 084	5 293	22 531	-1.6	-2.4
Other items.....	175	386	132	95	-24.6	-75.4
Total.....	13 698	28 865	12 567	27 728	-8.3	-3.9

TABLE 11B

LANDINGS IN QUEBEC BY VESSELS 35' TO 44'11" IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	279	251	337	306	20.8	21.9
Haddock.....	-	-	-	-	N/A	N/A
Redfish.....	2	1	22	20	N/A	N/A
Atlantic Halibut.....	19	103	35	178	84.2	72.8
American Plaice.....	130	113	92	77	-29.2	-31.9
Greysole.....	19	24	3	3	-84.2	-87.5
Winter Flounder.....	28	17	9	6	-67.9	-64.7
Unspecified Flounders.....	-	-	5	3	N/A	N/A
Greenland Halibut.....	968	1 508	1 462	2 396	51.0	58.9
White Hake.....	1	-	2	1	100.0	N/A
Catfish.....	-	-	-	-	N/A	N/A
Other groundfish.....	589	339	163	90	-72.3	-73.5
Total groundfish.....	2 034	2 356	2 132	3 080	4.8	30.7
Herring.....	3 408	538	3 284	573	-3.6	6.5
Mackerel.....	2 340	1 059	1 978	975	-15.5	-7.9
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	17	73	N/A	N/A
Salmon.....	-	-	-	-	N/A	N/A
Smelts.....	-	-	12	11	N/A	N/A
Capelin.....	4	-	-	-	-100.0	N/A
Other pelagic and estuarian species.....	8	10	17	10	112.5	-
Total pelagic and estuarian species.....	5 761	1 609	5 307	1 642	-7.9	2.1
Soft Shell Clams.....	-	-	-	-	-	-
Quahags Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	1 307	2 428	1 545	2 760	18.2	13.7
Winkles.....	390	298	287	217	-26.4	-27.2
Lobsters.....	1 062	11 018	1 165	11 048	9.7	0.3
Shrimp.....	84	155	138	223	64.3	43.9
Snow Crabs.....	4 124	14 157	4 074	10 936	-1.2	-22.8
Other mollusc and crustacean.....	127	70	212	125	66.9	78.6
Total mollusc and crustacean.....	7 094	28 126	7 421	25 309	4.6	-10.0
Other items.....	108	183	212	107	96.3	-41.5
Total.....	14 996	32 274	15 073	30 137	0.5	-6.6

TABLE 11C

LANDINGS IN QUEBEC BY VESSELS 45' TO 64'11" IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	705	723	994	954	41.0	32.0
Haddock.....	-	-	0	0	N/A	N/A
Redfish.....	14	7	145	125	N/A	N/A
Atlantic Halibut.....	100	544	95	481	-5.0	-11.6
American Plaice.....	182	156	101	72	-44.5	-53.8
Greysole.....	3	2	25	19	N/A	N/A
Winter Flounder.....	28	16	2	1	-92.9	-93.8
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	576	918	984	1 662	70.8	81.0
White Hake.....	9	5	22	11	144.4	120.0
Catfish.....	4	1	1	0	-75.0	N/A
Other groundfish.....	205	130	14	8	-93.2	-93.8
Total groundfish.....	1 826	2 501	2 382	3 334	30.4	33.3
Herring.....	21	4	33	10	57.1	150.0
Mackerel.....	2	1	35	20	N/A	N/A
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	0	0	N/A	N/A
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	11	4	10	2	-9.1	-50.0
Total pelagic and estuarian species.....	34	9	77	32	126.5	255.6
Soft Shell Clams.....	25	30	-	-	-100.0	-100.0
Quahaugs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	793	1 337	933	1 635	17.7	22.3
Winkles.....	53	41	25	17	-52.8	-58.5
Lobsters.....	42	474	31	317	-26.2	-33.1
Shrimp.....	10 368	18 473	12 048	18 919	16.2	2.4
Snow Crabs.....	6 503	24 907	5 625	15 846	-13.5	-36.4
Other mollusc and crustacean.....	66	27	61	27	-7.6	-
Total mollusc and crustacean.....	17 851	45 290	18 724	36 761	4.9	-18.8
Other items.....	150	223	155	75	3.3	-66.4
Total.....	19 880	48 022	21 338	40 202	7.4	-16.3

TABLE 11D

LANDINGS IN QUEBEC BY VESSELS 65' AND OVER IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	°	°	-	-	N/A	N/A
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	1	2	-	-	-100.0	-100.0
American Plaice.....	-	-	-	-	-	-
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	48	131	-	-	-100.0	-100.0
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	°	°	°	°	N/A	N/A
Total groundfish.....	50	133	°	°	N/A	N/A
Herring.....	-	-	-	-	-	-
Mackerel.....	-	-	-	-	-	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	-	-	-	-	-	-
Total pelagic and estuarian species.....	-	-	-	-	-	-
Soft Shell Clams.....	-	-	-	-	-	-
Quahaugs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	-	-	-	-	-	-
Winkles.....	-	-	-	-	-	-
Lobsters.....	-	-	-	-	-	-
Shrimp.....	2 522	4 532	2 917	4 672	15.7	3.1
Snow Crabs.....	99	371	84	315	-15.2	-15.1
Other mollusc and crustacean.....	2	°	-	-	-100.0	N/A
Total mollusc and crustacean.....	2 624	4 903	3 002	4 988	14.4	1.7
Other items.....	-	-	-	-	-	-
Total.....	2 673	5 035	3 002	4 988	12.3	-0.9

TABLE 11E

SUPPLEMENTARY PURCHASE SLIPS IN QUEBEC IN 1997 AND 1998 (1)

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	73	93	122	132	67.1	41.9
Haddock.....	-	-	-	-	-	-
Redfish.....	9	5	10	3	11.1	-40.0
Atlantic Halibut.....	10	62	14	82	40.0	32.3
American Plaice.....	18	14	18	14	-	-
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	13	6	5	2	-61.5	-66.7
Total groundfish.....	123	181	169	232	37.4	28.2
Herring.....	316	53	700	120	121.5	126.4
Mackerel.....	310	153	320	177	3.2	15.7
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	49	323	89	306	40.8	-5.3
Salmon.....	26	138	5	21	-80.8	-84.8
Smelts.....	338	156	97	78	-71.3	-50.0
Capelin.....	282	35	132	16	-53.2	-54.3
Other pelagic and estuarine species.....	74	457	59	351	-20.3	-23.2
Total pelagic and estuarine species.....	1 396	1 315	1 382	1 068	-1.0	-18.8
Soft Shell Clams.....	242	289	245	316	1.2	9.3
Quahaugs Clams.....	34	42	59	73	73.5	73.8
Mussels.....	29	58	72	133	148.3	129.3
Sea Scallops.....	14	235	9	143	-35.7	-39.1
Winkies.....	17	12	16	11	-5.9	-8.3
Lobsters.....	111	1 134	82	819	-26.1	-27.8
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	48	151	21	56	-56.3	-62.9
Other mollusc and crustacean.....	25	15	20	13	-20.0	-13.3
Total mollusc and crustacean.....	519	1 937	524	1 563	1.0	-19.3
Other items.....	16	27	1	1	-93.8	-96.3
Total.....	2 054	3 459	2 076	2 864	1.1	-17.2

(1) Refer to page XXXI for "Supplementary purchase slips" definition.

TABLE 12

MONTHLY LANDINGS IN QUEBEC BY SPECIES, 1998 SEASON,

ALL ADMINISTRATIVE SECTORS

(Quantity in rounded metric tons, live weight)

SPECIES	January	February	March	April	May	June
Cod.....	-	-	-	-	108	161
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	1	1
Atlantic Halibut.....	-	-	-	5	83	49
American Plaice.....	-	-	-	-	2	11
Greysole.....	-	-	-	-	2	5
Winter Flounder.....	-	-	-	-	41	25
Unspecified Flounders.....	-	-	-	-	14	16
Greenland Halibut.....	-	-	-	-	38	38
White Hake.....	-	-	-	-	5	10
Catfish.....	-	-	-	-	1	1
Other groundfish.....	-	-	-	3	71	62
Total groundfish.....	-	-	-	8	364	377
Herring.....	-	-	-	2 244	342	185
Mackerel.....	-	-	-	-	8	581
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	1	27	86	1	2	2
Capelin.....	-	-	-	18	35	47
Other pelagic and estuarine species.....	-	-	-	-	13	27
Total pelagic and estuarine species.....	1	27	86	2 263	399	841
Soft Shell Clams.....	-	-	30	115	207	159
Quahogs Clams.....	-	-	-	5	-	5
Mussels.....	1	1	1	25	14	5
Sea Scallops.....	-	-	-	57	440	618
Winkles.....	-	-	-	25	191	137
Lobsters.....	-	-	-	1	2 090	827
Shrimp.....	-	-	-	2 519	3 435	2 763
Snow Crabs.....	-	-	36	1 699	4 434	3 180
Other mollusc and crustacean.....	-	-	-	-	8	45
Total mollusc and crustacean.....	1	1	67	4 445	10 819	7 738
Other items.....	6	65	5	392	17	3
Total.....	7	92	157	7 107	11 598	8 960

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 12

MONTHLY LANDINGS IN QUEBEC BY SPECIES, 1998 SEASON,

ALL ADMINISTRATIVE SECTORS

(Quantity in rounded metric tons, live weight)

July	August	September	October	November	December	Total
480	850	306	102	31	53	2 092
-	°	-	-	-	-	-
115	45	12	6	1	-	180
8	23	6	1	1	-	175
44	68	57	45	3	-	230
°	1	9	11	-	-	28
3	4	2	°	-	-	75
-	-	-	-	-	-	29
2 078	393	551	85	45	-	3 227
5	4	1	°	°	-	25
1	°	°	-	-	-	2
6	30	30	6	1	-	208
<u>2 739</u>	<u>1 418</u>	<u>974</u>	<u>255</u>	<u>81</u>	<u>53</u>	<u>6 271</u>
48	398	2 790	11	2	-	6 019
713	839	1 275	650	-	-	4 066
-	-	-	-	-	-	-
1	1	12	142	2	-	158
6	1	-	-	-	-	7
2	1	2	3	1	13	140
141	17	-	-	-	-	259
10	13	36	27	°	-	124
<u>919</u>	<u>1 270</u>	<u>4 115</u>	<u>832</u>	<u>5</u>	<u>13</u>	<u>10 771</u>
34	75	57	83	35	5	800
16	14	7	5	5	5	59
5	5	3	12	1	1	72
598	642	210	59	87	-	2 711
105	170	97	51	66	-	841
129	3	-	-	-	-	3 048
2 669	2 037	1 227	412	40	2	15 104
725	250	19	1	-	-	10 344
66	569	532	216	25	-	1 461
<u>4 346</u>	<u>3 764</u>	<u>2 152</u>	<u>838</u>	<u>259</u>	<u>12</u>	<u>34 440</u>
2	3	5	-	2	-	499
<u>8 006</u>	<u>6 455</u>	<u>7 246</u>	<u>1 925</u>	<u>346</u>	<u>79</u>	<u>51 980</u>

TABLE 12 A

MONTHLY LANDINGS IN QUEBEC BY SPECIES, 1998 SEASON,

ALL ADMINISTRATIVE SECTORS

(Value in thousands of dollars)

SPECIES	January	February	March	April	May	June
Cod.....	-	-	-	°	135	197
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	°	°
Atlantic Halibut.....	-	-	-	30	442	249
American Plaice.....	-	-	-	-	2	10
Greysole.....	-	-	-	-	2	3
Winter Flounder.....	-	-	-	°	27	16
Unspecified Flounders.....	-	-	-	-	9	10
Greenland Halibut.....	-	-	-	1	74	70
White Hake.....	-	-	-	-	3	6
Catfish.....	-	-	-	-	°	1
Other groundfish.....	-	-	-	2	41	35
Total groundfish.....	-	-	-	32	734	595
Herring.....	-	-	-	387	103	62
Mackerel.....	-	-	-	-	4	300
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	1
Salmon.....	-	-	-	-	-	°
Smelts.....	°	21	70	1	2	2
Capelin.....	-	-	-	2	4	6
Other pelagic and estuarian species.....	-	-	-	-	63	127
Total pelagic and estuarian species.....	-	21	70	390	175	498
Soft Shell Clams.....	-	-	40	135	248	185
Quahaugs Clams.....	-	-	-	6	-	6
Mussels.....	1	1	1	63	16	10
Sea Scallops.....	-	-	-	142	883	1 163
Winkles.....	-	-	-	20	134	94
Lobsters.....	-	-	-	7	20 044	8 034
Shrimp.....	-	-	-	4 049	5 425	4 329
Snow Crabs.....	-	-	93	4 753	12 615	8 718
Other mollusc and crustacean.....	-	-	-	-	5	24
Total mollusc and crustacean.....	1	1	134	9 175	39 370	22 562
Other items.....	3	30	2	190	35	7
Total.....	3	52	206	9 788	40 314	23 661

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 12 A

MONTHLY LANDINGS IN QUEBEC BY SPECIES, 1998 SEASON,

ALL ADMINISTRATIVE SECTORS

(Value in thousands of dollars)

July	August	September	October	November	December	Total
415	705	342	89	27	47	1 957
-	°	-	-	-	-	-
100	42	4	3	°	-	150
42	119	27	3	4	-	916
33	49	46	37	2	-	179
°	1	5	11	-	-	22
2	3	1	°	-	-	49
-	-	-	-	-	-	19
3 388	655	946	136	81	-	5 351
3	2	°	°	°	-	13
°	-	-	-	-	-	1
2	16	17	3	°	-	116
<u>3 984</u>	<u>1 592</u>	<u>1 389</u>	<u>283</u>	<u>114</u>	<u>47</u>	<u>8 773</u>
19	62	433	5	°	-	1 071
364	429	640	325	-	-	2 062
-	-	-	-	-	-	-
4	5	52	631	10	-	702
25	4	-	-	-	-	29
1	1	2	3	1	10	112
16	2	-	-	-	-	30
-	-	-	-	-	-	0
48	66	69	38	-	-	411
<u>477</u>	<u>568</u>	<u>1 195</u>	<u>1 002</u>	<u>10</u>	<u>10</u>	<u>4 416</u>
41	89	64	103	40	6	952
20	17	8	6	6	6	73
10	10	5	13	2	2	133
1 121	1 083	343	100	108	-	4 941
72	120	67	39	51	-	596
1 371	35	-	-	-	-	29 491
4 185	3 187	1 881	681	72	4	23 814
1 828	592	46	2	-	-	28 647
43	356	348	151	16	-	943
<u>8 690</u>	<u>5 488</u>	<u>2 763</u>	<u>1 094</u>	<u>294</u>	<u>17</u>	<u>89 589</u>
2	3	5	-	1	-	278
<u>13 154</u>	<u>7 651</u>	<u>5 352</u>	<u>2 378</u>	<u>419</u>	<u>75</u>	<u>103 056</u>

TABLE 13

LANDINGS IN QUEBEC BY TYPE OF FISHING GEAR USED IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

Fishing gear	1997				1998				Variation in % Quantity Value
	Quantity	Value	Quantity	% of total Quantity Value	Quantity	Value	Quantity	% of total Quantity Value	
Fixed gear									
Seal hunting	235	432	0.46	0.38	467	225	0.90	0.22	98.72 -47.92
Beach and bar seine	-	-	-	-	12	11	0.02	0.01	N/A N/A
Gillnet	8 855	5 902	17.28	5.17	12 066	8 381	23.21	8.13	35.26 42.00
Longline	555	1 111	1.08	0.97	537	1 149	1.03	1.12	-3.24 3.42
Jigger (hand line)	4 923	2 147	9.61	1.86	1 745	850	3.36	0.82	-64.53 -60.41
Trapnet	1 323	825	2.58	0.72	1 061	625	2.04	0.61	-19.80 -24.24
Pots (other than Snow Crabs)	3 904	29 867	7.62	26.15	4 156	30 217	7.99	29.32	6.45 1.17
Weir	641	978	1.25	0.86	325	828	0.62	0.80	-49.30 -15.34
Crab pot.	11 361	41 604	22.18	36.43	10 213	28 247	19.65	27.41	-10.10 -32.11
Japanese Standard	2 961	9 702	5.82	8.50	2 879	7 706	5.54	7.48	-3.42 -20.57
Pyramidal	-	-	-	-	-	-	-	-	- -
Conical	7 350	28 516	14.35	24.97	207	525	0.40	0.51	N/A N/A
Combination of pots	1 031	3 386	2.01	2.96	6 087	17 179	11.73	16.67	-17.05 -39.76
Rakes, long, spades, shovels	994	1 176	1.94	1.03	1 028	2 837	1.98	2.75	-0.29 -16.21
Unspecified fixed gear	505	563	0.99	0.49	788	937	1.52	0.91	-20.72 -20.32
Miscellaneous	351	486	0.69	0.43	615	807	1.18	0.78	21.78 43.34
Total, fixed gear	33 647	85 089	65.68	74.51	32 319	72 686	62.18	70.53	-3.95 -14.58

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 13

LANDINGS IN QUEBEC BY TYPE OF FISHING GEAR USED IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

Fishing gear	1997				1998				Variation in % Quantity Value	
	Quantity	Value	Quantity	% of total Value	Quantity	Value	Quantity	% of total Value		
Mobile gear										
Bottom pair trawl	291	314	0.57	0.28	782	917	1.50	0.89	168.73	192.04
Side	-	-	-	-	-	-	-	-	-	-
Stern	291	314	0.57	0.28	782	917	1.50	0.89	168.73	192.04
Shrimp trawl	12 985	23 166	25.35	20.29	15 105	23 815	29.06	23.11	16.33	2.80
Purse seine	242	34	0.47	0.03	23	4	0.05	0.00	-90.50	-88.24
Danish seine	122	119	0.24	0.10	150	99	0.29	0.10	22.95	-16.81
Scottish seine	1 320	886	2.58	0.78	573	405	1.10	0.39	-56.59	-54.29
Scallop dragger	2 493	4 520	4.87	3.96	2 929	5 066	5.64	4.92	17.49	12.08
Hydraulic rake	128	70	0.25	0.06	98	64	0.19	0.06	-23.44	-8.57
Unspecified item	-	-	-	-	-	-	-	-	-	-
Total, mobile gear	17 582	29 109	34.32	25.49	19 661	30 370	37.82	29.47	11.82	4.33
Overall total	51 229	114 198	100.00	100.00	51 980	103 056	100.00	100.00	1.47	-9.76

N.B.: The minor differences are caused by the rounding factors used at the time of calculation.

Average landed price

The average landed price by species as indicated here reflects the prices paid to fishermen and is determined by dividing the total value of all landings by the total landed weight.

The average price takes into account the condition of the catch at landing. The advantage of this method is that the significance of the price given can be specified. An identical approach is used for each of the maritime sectors.

It should also be pointed out that the average prices in the following tables exclude supplementary purchase slips, which explains why no figure is given for some species.

TABLE 14

LANDING AVERAGE PRICE BY SPECIES IN QUEBEC

(Excluding supplementary purchase slips, value in dollars per kilogram)

SPECIES	LANDED FORM DESCRIPTION	1997	1998	VARIATION IN %
GROUND FISH				
Cod	Round.....	.637	.740	16.2
	Gutted, head on.....	1.199	1.169	-2.5
Haddock	Gutted, head on.....	-	1.371	N/A
Redfish	Round.....	.480	.869	81.0
Atlantic Halibut	Round.....	6.787	6.381	-6.0
	Gutted, head on.....	6.247	5.898	-5.6
	Gutted, head off.....	-	7.077	N/A
American Plaice	Round.....	.869	.800	-7.9
	Gutted, head on.....	-	.883	N/A
Greysole	Round.....	1.346	.780	-42.1
Winter Flounder	Round.....	.638	.650	1.9
Greenland Halibut	Round.....	1.753	1.745	-0.5
	Gutted, head on.....	1.733	1.809	4.4
Unsp. Flounders	Round.....	-	.660	N/A
White Hake	Round.....	-	.414	N/A
	Gutted, head on.....	.664	.658	-0.9
Catfish	Round.....	.276	.259	-6.2
	Gutted, head on.....	-	.364	N/A
PELAGIC AND ESTUARIAN SPECIES				
Herring	Round.....	.170	.179	5.3
	Kippers.....	-	-	N/A
Mackerel	Round.....	.454	.554	22.0
	Gutted, head off.....	.467	.502	7.5
Eels	Round.....	6.594	4.445	-32.6
Salmon	Gutted, head on.....	5.789	5.075	-12.3
Smelts	Round.....	-	.803	N/A
Capelin	Round.....	.120	.116	-3.3

TABLE 14

LANDING AVERAGE PRICE BY SPECIES IN QUEBEC

(Excluding supplementary purchase slips, value in dollars per kilogram)

SPECIES	LANDED FORM DESCRIPTION	1997	1998	VARIATION IN %
MOLLUSC AND CRUSTACEAN				
Soft Shell Clams	In shell	1.178	1.146	-2.7
Sea Scallops	In shell	1.471	1.212	-17.6
	Meat and gonads	-	16.537	N/A
	Meat	16.591	17.124	3.2
Whelks	In shell768	.701	-8.7
	Meat	8.813	8.817	0.0
Lobsters	Round	10.342	9.665	-6.5
Shrimp	Round	1.805	1.572	-12.9
	Cooked in shell	3.061	3.106	1.5
Rock Crabs	Round	-	-	N/A
Snow Crabs	Round	3.660	2.770	-24.3

TABLE 15

- QUEBEC -

TOP 10 POINTS OF LANDING IN 1997 AND 1998

BY VOLUME

1997	Volume in m.t. live weight	% of total for Quebec	1998	Volume in m.t. live weight	% of total for Quebec
1- Rivière-au-Renard	10 329	20.16	1- Rivière-au-Renard	11 373	21.88
2- Cap-aux-Meules	3 242	6.33	2- Cap-aux-Meules	2 992	5.76
3- Matane	2 396	4.68	3- Etang du nord	2 788	5.36
4- Grande-Entrée	2 137	4.17	4- Grande-Entrée	2 565	4.94
5- Sainte-Thérèse-de-Gaspé	2 124	4.15	5- Matane	2 362	4.54
6- Grande-Rivière	2 124	4.15	6- Sainte-Thérèse-de-Gaspé	2 134	4.10
7- Etang du nord	1 867	3.64	7- Sainte-Anne-des-monts	2 032	3.91
8- Grosse Ile	1 664	3.25	8- Sept-Iles	1 774	3.41
9- Havre-Saint-Pierre	1 563	3.05	9- Havre-Saint-Pierre	1 610	3.10
10- Pointe de Newport	1 382	2.70	10- Grande-Rivière	1 382	2.66

BY VALUE

1997	Value in thousands of dollars	% of total for Quebec	1998	Value in thousands of dollars	% of total for Quebec
1- Rivière-au-Renard	18 885	16.54	1- Rivière-au-Renard	17 901	17.37
2- Cap-aux-Meules	7 222	6.32	2- Grande-Entrée	6 994	6.79
3- Grande-Entrée	7 142	6.25	3- Cap-aux-Meules	5 625	5.46
4- Sainte-Thérèse-de-Gaspé	6 900	6.04	4- Sainte-Thérèse-de-Gaspé	4 988	4.84
5- Matane	4 786	4.19	5- Matane	4 035	3.92
6- Natashquan	4 278	3.75	6- Havre-Saint-Pierre	3 815	3.70
7- Havre-Saint-Pierre	4 176	3.66	7- Natashquan	3 749	3.64
8- Grande-Rivière	3 893	3.41	8- Sainte-Anne-des-monts	3 645	3.54
9- Etang du nord	3 745	3.28	9- Sept-Iles	3 519	3.41
10- Sept-Iles	3 348	2.93	10- Etang du nord	2 871	2.79

TABLE 16

LANDINGS IN QUEBEC BY NON-QUEBEC BOATS

IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

SPECIES	BOATS' PROVINCE OF ORIGIN									
	PRINCE EDWARD ISLAND		NEW-BRUNSWICK		NOVA-SCOTIA		NEWFOUNDLAND		TOTAL	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Cod.....	-	-	166	300	-	-	27	113	193	413
Haddock.....	-	-	-	-	-	-	-	-	-	-
Redfish.....	-	-	-	31	-	-	-	-	-	31
Atlantic Halibut.....	-	-	6	-	-	-	-	1	6	1
American Plaice.....	-	-	28	22	-	-	-	-	28	22
Greysole.....	-	-	14	-	-	-	1	-	15	-
Winter Flounder.....	-	-	3	2	-	-	-	-	3	2
Greenland Halibut.....	-	-	42	-	-	-	73	-	115	-
White Hake.....	-	-	-	-	-	-	-	-	-	-
Other groundfish.....	-	-	1	2	-	-	1	-	2	2
Total groundfish.....	-	-	260	357	-	-	102	114	361	471
Herring.....	-	7	883	413	-	-	3	-	886	420
Salmon.....	-	-	-	-	-	-	-	-	-	-
Other pelagic and estuarine species.....	112	602	2	3	-	-	-	12	114	618
Total pelagic and estuarine species.....	112	610	885	416	-	-	3	12	1 000	1 037
Quahaugs Clams.....	-	-	-	-	-	-	-	-	-	-
Sea Scallops.....	-	-	-	-	-	-	-	-	-	-
Shrimp.....	-	178	725	347	-	-	120	714	845	1 239
Snow Crabs.....	-	-	-	20	-	-	96	-	96	20
Other mollusc and crustacean.....	-	-	-	-	-	-	-	-	-	-
Total mollusc and crustacean.....	-	178	725	367	-	-	216	714	941	1 260
Other items.....	-	-	-	-	-	-	-	-	-	-
Grand total.....	112	788	1 870	1 141	-	-	321	840	2 303	2 768

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 15A

VALUE OF LANDINGS IN QUEBEC BY NON-QUEBEC BOATS

IN 1997 AND 1998

(Value in thousands of dollars)

SPECIES	BOATS' PROVINCE OF ORIGIN									
	PRINCE EDWARD ISLAND		NEW-BRUNSWICK		NOVA-SCOTIA		NEWFOUNDLAND		TOTAL	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Cod	-	-	120	206	-	-	25	100	144	306
Haddock	-	-	-	-	-	-	-	-	-	-
Redfish	-	-	-	35	-	-	-	-	-	35
Atlantic Halibut	-	-	29	1	-	-	-	6	29	7
American Plaice	-	-	10	8	-	-	-	-	10	8
Greyside	-	-	18	-	-	-	-	-	18	-
Winter Flounder	-	-	2	2	-	-	-	-	2	2
Greenland Halibut	-	-	109	-	-	-	147	-	256	-
White Hake	-	-	-	-	-	-	-	-	-	-
Other groundfish	-	-	-	-	-	-	-	-	1	-
Total groundfish.....	-	-	289	252	-	-	172	106	460	358
Herring	-	1	106	58	-	-	1	-	107	59
Salmon	-	-	-	-	-	-	-	-	-	-
Other pelagic and estuarine species	49	294	1	1	-	-	-	1	51	296
Total pelagic and estuarine species.....	49	295	107	59	-	-	1	1	158	355
Quahogs Clams	-	-	-	-	-	-	-	-	-	-
Sea Scallops	-	-	-	-	-	-	-	-	-	-
Shrimp	-	274	1 200	561	-	-	190	897	1 390	1 733
Snow Crabs	-	-	-	67	-	-	231	-	231	67
Other mollusc and crustacean	-	-	-	-	-	-	-	-	-	-
Total mollusc and crustacean.....	-	274	1 200	628	-	-	422	897	1 622	1 800
Other items	-	-	-	-	-	-	-	-	-	-
Grand total.....	49	569	1 596	939	-	-	595	1 005	2 239	2 513

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 17

LANDINGS OUTSIDE OF QUEBEC BY QUEBEC BOATS

IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

SPECIES	PRINCE EDWARD ISLAND		NEW-BRUNSWICK		NOVA-SCOTIA		NEWFOUNDLAND		TOTAL	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Cod	-	-	9	-	-	59	17	-	26	59
Haddock	-	-	-	-	-	-	-	-	-	-
Redfish	-	-	-	-	-	3	-	-	-	3
Atlantic Halibut	-	-	-	-	-	-	-	2	-	2
American Plaice	-	-	80	-	-	65	-	-	80	65
Greysole	-	-	2	-	-	21	-	-	2	21
Winter Flounder	-	-	-	-	-	-	2	2	2	2
Greenland Halibut	-	-	-	-	-	-	11	-	11	-
White Hake	-	-	-	-	-	-	-	-	-	-
Catfish	-	-	-	-	-	-	-	-	-	-
Other groundfish	-	-	-	-	-	-	-	-	-	-
Total groundfish.....	-	-	91	-	-	149	29	5	120	153
Herring	-	-	146	302	-	16	-	-	146	318
Mackerel	-	-	31	13	-	14	-	-	31	27
Bluefin Tuna	-	1	-	-	15	21	-	-	15	22
Other pelagic and estuarine species	-	-	7	40	-	-	-	-	7	40
Total pelagic and estuarine species.....	-	1	184	355	15	51	-	-	199	407
Sea Scallops	-	-	-	-	-	-	-	-	-	-
Lobsters	-	-	-	-	-	-	-	-	-	-
Shrimp	-	-	38	-	2 383	2 814	9 218	12 271	11 640	15 085
Snow Crabs	-	-	-	-	-	-	87	45	87	45
Other mollusc and crustacean	-	-	-	-	-	-	5	1	5	1
Total mollusc and crustacean.....	-	-	38	-	2 383	2 814	9 311	12 317	11 733	15 131
Other items	-	-	-	-	-	-	309	-	309	-
Grand total.....	-	-	314	355	2 399	3 014	9 650	12 322	12 362	15 691

Notes:

- 1) Data in this table are preliminary for all provinces.
 2) The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 17A

VALUE OF LANDINGS OUTSIDE OF QUEBEC BY QUEBEC BOATS

IN 1997 AND 1998

(Value in thousands of dollars)

SPECIES	PRINCE EDWARD ISLAND		NEW-BRUNSWICK		NOVA-SCOTIA		NEWFOUNDLAND		TOTAL	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
Cod.....	-	-	9	-	-	64	17	-	26	64
Haddock.....	-	-	-	-	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	4	-	-	-	4
Atlantic Halibut.....	-	-	-	-	-	-	-	12	-	12
American Plaice.....	-	-	73	-	-	64	-	-	73	64
Greysole.....	-	-	3	-	-	25	-	-	3	25
Winter Flounder.....	-	-	-	-	-	-	1	1	-	1
Greenland Halibut.....	-	-	-	-	-	-	15	-	15	-
White Hake.....	-	-	-	-	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-	-	-	-	-
Other groundfish.....	-	-	-	-	-	-	-	-	-	-
Total groundfish.....	-	-	85	-	-	159	33	13	118	172
Herring.....	-	-	27	47	-	5	-	-	27	52
Mackerel.....	-	-	19	6	-	6	-	-	19	12
Bluefin Tuna.....	-	9	14	-	365	343	-	-	380	381
Other pelagic and estuarine species.....	-	-	1	4	-	1	-	-	1	5
Total pelagic and estuarine species.....	-	-	60	57	-	355	-	-	426	420
Sea Scallops.....	-	-	-	-	-	-	-	-	-	-
Lobsters.....	-	-	-	-	-	-	-	-	-	-
Shrimp.....	-	-	53	-	8 083	8 759	28 007	44 178	36 143	52 938
Snow Crabs.....	-	-	-	-	-	-	230	85	230	85
Other mollusc and crustacean.....	-	-	-	-	-	-	14	-	14	-
Total mollusc and crustacean.....	-	-	53	-	8 083	8 759	28 251	44 264	36 387	53 023
Other items.....	-	-	-	-	-	-	667	-	667	-
Grand total.....	-	9	199	57	8 449	9 273	28 950	44 278	37 598	53 616

Notes: 1) Data in this table are preliminary for all provinces.

2) The minor differences are caused by the rounding factors used at the time of calculation.

***ECONOMIC PROFILE OF
QUEBEC'S MAIN
FISHING FLEETS***

Economic profile of Quebec's main fishing fleets

For the fourth consecutive year, the 1997-98 annual statistical review includes a section on Quebec's main fishing fleets. The next few pages contain information on the mean size, workforce, fishing effort and landings of Quebec fleets.

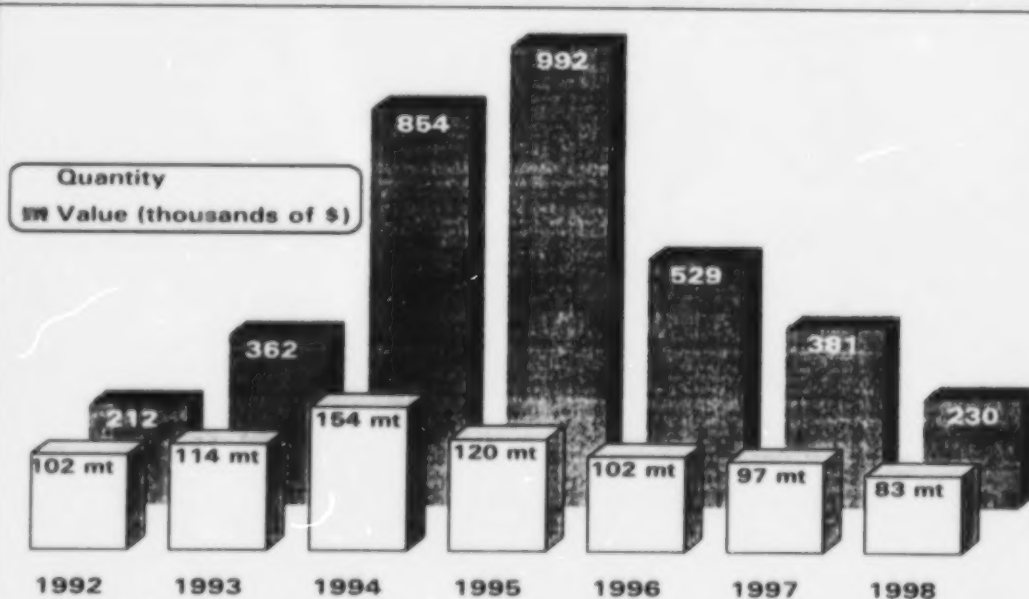
To characterize each of the fleets, we have classified them by the main species landed, and in some cases, by fishing area, gear type and vessel length. In addition, landings and average prices are always calculated on the basis of what is known as a specialized fleet, one consisting of specialized enterprises. Specialized fishing enterprises are those for which the total value of their landings is equal to at least 25% of the average value of their fleet.

Last but not least, we have included a graph illustrating changes in average landings over the last seven years for each fleet.

Midshore crabbers economic profile, area 12

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	47		47	
Specialized enterprises	47		47	
Employment				
Number of specialized fishermen and fishermen helper	235		235	
Fishing Effort				
Average number of trips	18		16	
Average number of days at sea	33		33	
Average number of days fished	21		19	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	-	-	55	54
Pelagic fish	82	784	689	662
Molusc	-	-	-	-
Crustacean				
- Snow Crabs	95 023	377 971	80 107	227 106
- Others	-	-	83	779
Others	1 516	2 514	2 247	1 091
Total	96 621	381 269	83 181	229 692
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	-		0.98	
Pelagic fish	9.56		0.96	
Molusc	-		-	
Crustacean				
- Snow Crabs	3.98		2.84	
- Others	-		9.37	
Others	1.66		0.49	

Evolution of average landing, 1992 to 1998

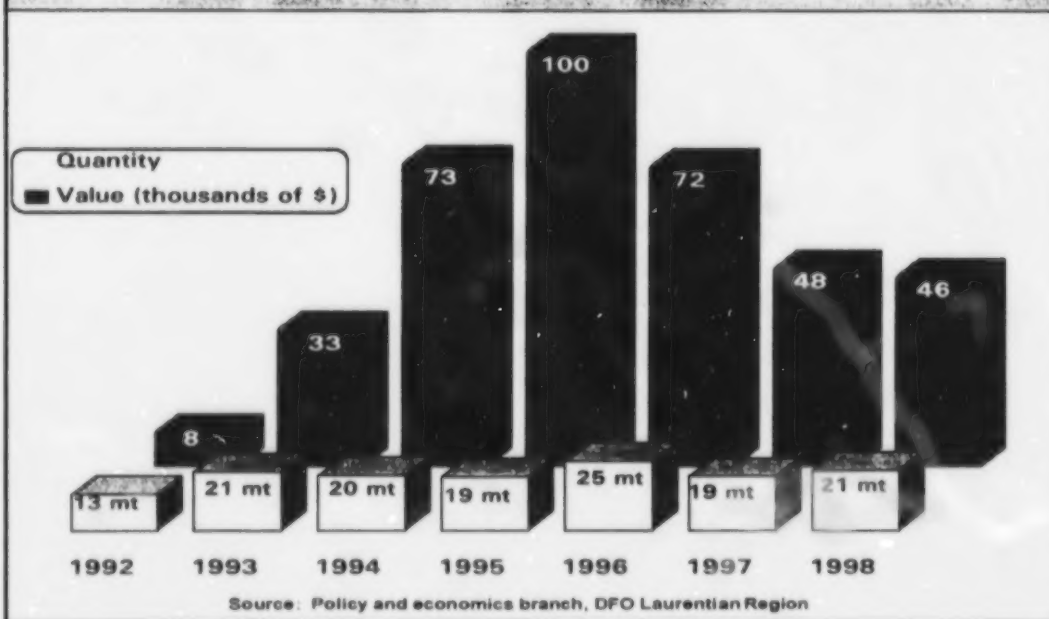


Source: Policy and economics branch, DFO Laurentian Region

Crabbers economic profile, area 13

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	41		41	
Specialized enterprises	41		41	
Employment ¹				
Number of specialized fishermen and fishermen helper	94		135	
Fishing Effort				
Average number of trips	30		24	
Average number of days at sea	35		30	
Average number of days fished	34		26	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	456	394	2 774	3 437
Pelagic fish	286	40	28	14
Molusc	218	394	999	1 859
Crustacean				
- Snow Crabs	17 910	46 561	17 503	40 433
- Others	131	346	5	48
Others	51	147	30	65
Total	19 052	47 882	21 339	45 856
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	0.86		1.24	
Pelagic fish	0.14		0.51	
Molusc	1.81		1.86	
Crustacean				
- Snow Crabs	2.60		2.31	
- Others	2.64		8.81	
Others	2.88		2.20	

Evolution of average landing, 1992 to 1998

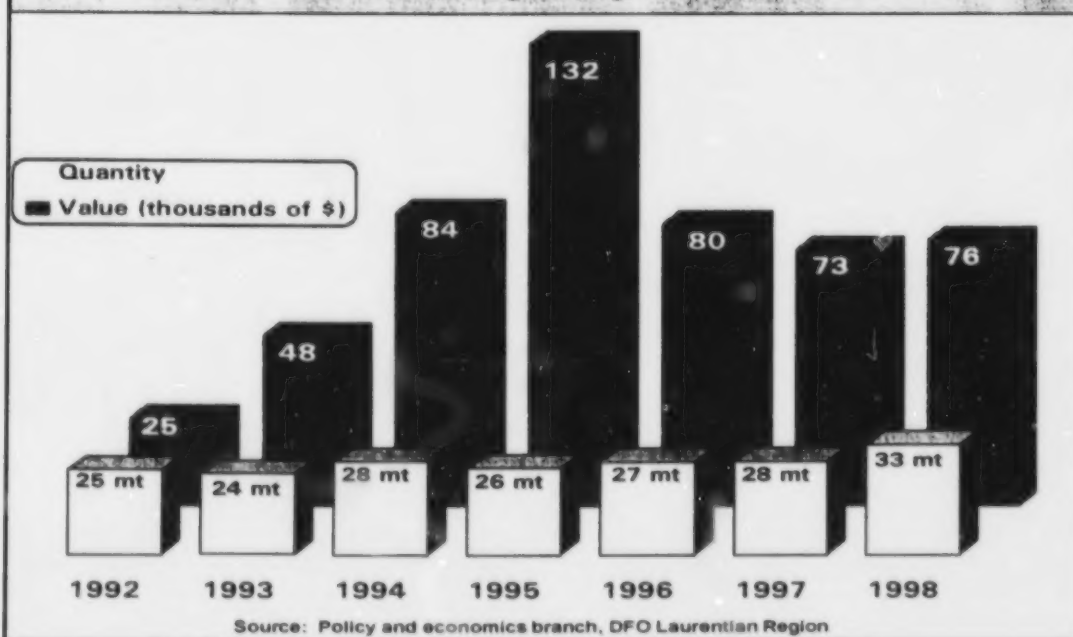


¹ : For 1998, the size of the crew has been adjusted according to the information obtained during the Study on the operating results of area 13 crabbers, 1998

Crabbers economic profile, area 14

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	21		21	
Specialized enterprises	21		21	
Employment¹				
Number of specialized fishermen and fishermen helper	63		76	
Fishing Effort				
Average number of trips	29		31	
Average number of days at sea	35		44	
Average number of days fished	31		34	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	3 711	5 040	5 810	10 620
Pelagic fish	74	32	202	72
Molusc	413	759	1 602	3 164
Crustacean				
- Snow Crabs	23 326	66 246	24 897	60 695
- Others	64	566	124	1 133
Others	93	286	-	-
Total	27 680	72 928	32 636	75 684
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	1.36		1.83	
Pelagic fish	0.43		0.36	
Molusc	1.84		1.97	
Crustacean				
- Snow Crabs	2.84		2.44	
- Others	8.81		9.13	
Others	3.09		-	

Evolution of average landing, 1992 to 1998

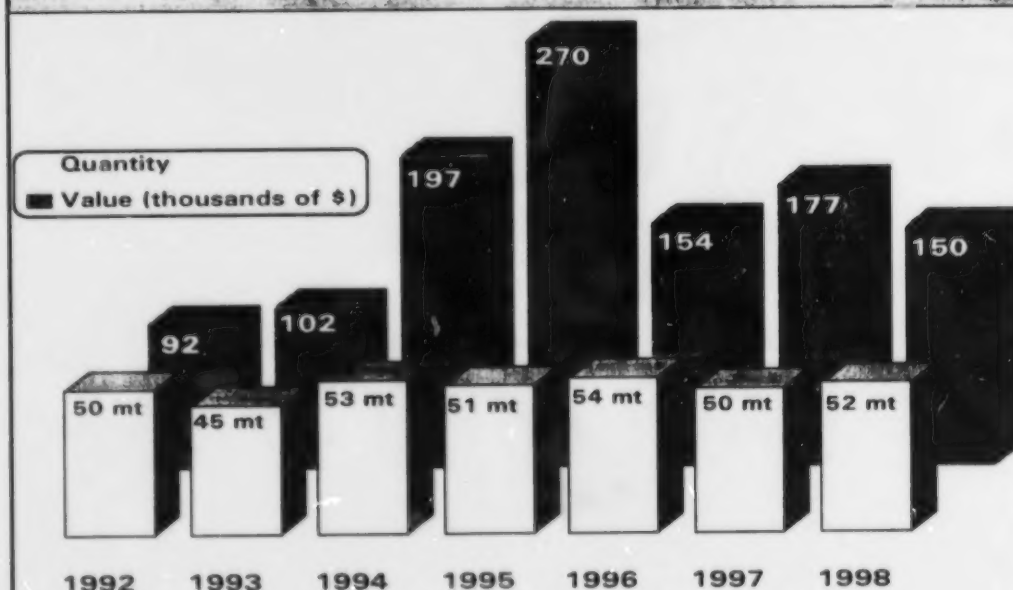


¹ : For 1998, the size of the crew has been adjusted according to the information obtained during the Study on the operating results of area 14 crabbers, 1998

Crabbers economic profile, area 15

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	8		8	
Specialized enterprises	8		8	
Employment¹				
Number of specialized fishermen and fishermen helper	24		34	
Fishing Effort				
Average number of trips	26		28	
Average number of days at sea	26		34	
Average number of days fished	26		31	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	-	-	-	-
Pelagic fish	-	-	-	-
Molusc	919	709	1 835	3 200
Crustacean				
- Snow Crabs	49 072	176 437	49 672	146 706
- Others	-	-	-	-
Others	-	-	-	-
Total	49 991	177 146	51 507	149 906
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	-		-	
Pelagic fish	-		-	
Molusc	0.77		1.74	
Crustacean				
- Snow Crabs	3.60		2.95	
- Others	-		-	
Others	-		-	

Evolution of average landing, 1992 to 1998



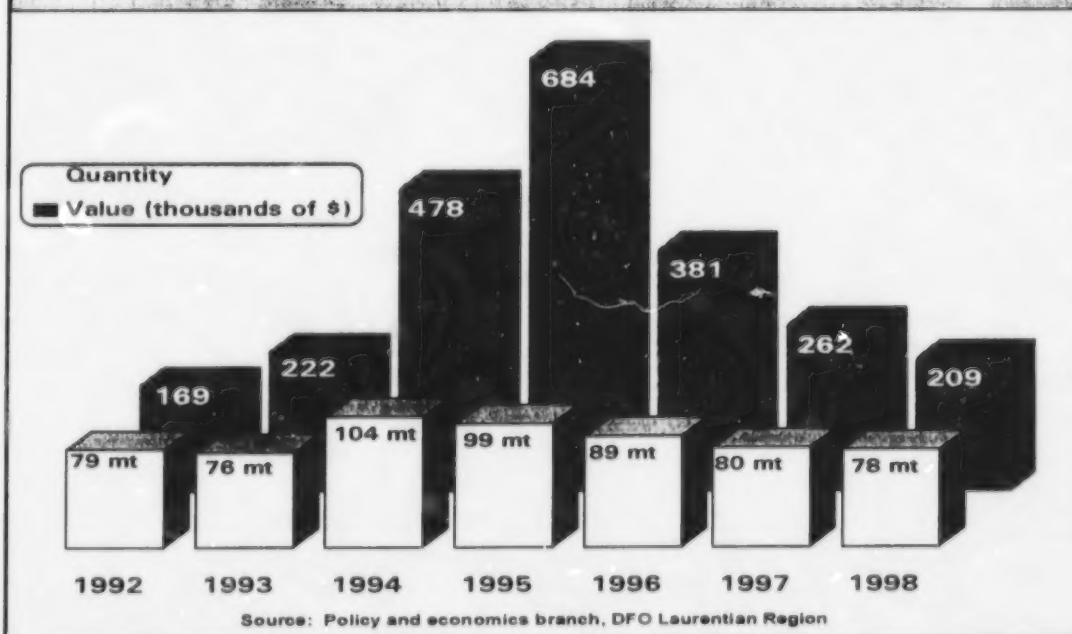
Source: Policy and economics branch, DFO Laurentian Region

¹ : For 1998, the size of the crew has been adjusted according to the information obtained during the Study on the operating results of area 15 crabbers, 1998

Crabbers economic profile, area 16

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	36		35	
Specialized enterprises	36		35	
Employment				
Number of specialized fishermen and fishermen helper	155		145	
Fishing Effort				
Average number of trips	38		43	
Average number of days at sea	44		50	
Average number of days fished	41		47	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	-	-	23	19
Pelagic fish	-	-	-	-
Molusc	10 569	15 476	8 654	9 421
Crustacean				
- Snow Crabs	68 733	242 423	68 758	197 247
- Others	324	3 754	247	2 590
Others	-	-	-	-
Total	79 626	261 653	77 682	209 277
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	-		0.80	
Pelagic fish	-		-	
Molusc	1.46		1.09	
Crustacean				
- Snow Crabs	3.53		2.87	
- Others	11.59		10.47	
Others	-		-	

Evolution of average landing, 1992 to 1998

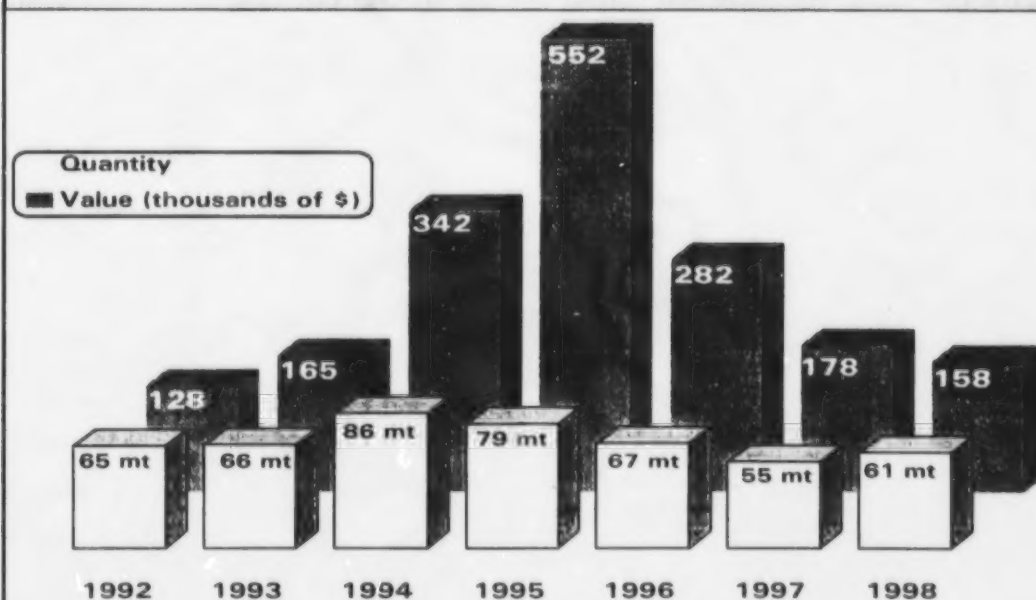


¹ : For 1998, the size of the crew has been adjusted according to the information obtained during the Study on the operating results of area 16 crabbers, 1998

Crabbers economic profile, area 17

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	22		22	
Specialized enterprises	22		22	
Employment				
Number of specialized fishermen and fishermen helper	77		77	
Fishing Effort				
Average number of trips	48		49	
Average number of days at sea	51		51	
Average number of days fished	51		51	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	1 692	2 461	1 862	3 214
Pelagic fish	140	49	-	-
Molusc	1 664	1 118	837	699
Crustacean				
- Snow Crabs	51 679	174 013	58 389	154 050
- Others	-	-	-	-
Others	-	-	-	-
Total	55 175	177 641	61 087	157 963
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	1.45		1.73	
Pelagic fish	0.35		-	
Molusc	0.67		0.84	
Crustacean				
- Snow Crabs	3.37		2.64	
- Others	-		-	
Others	-		-	

Evolution of average landing, 1992 to 1998

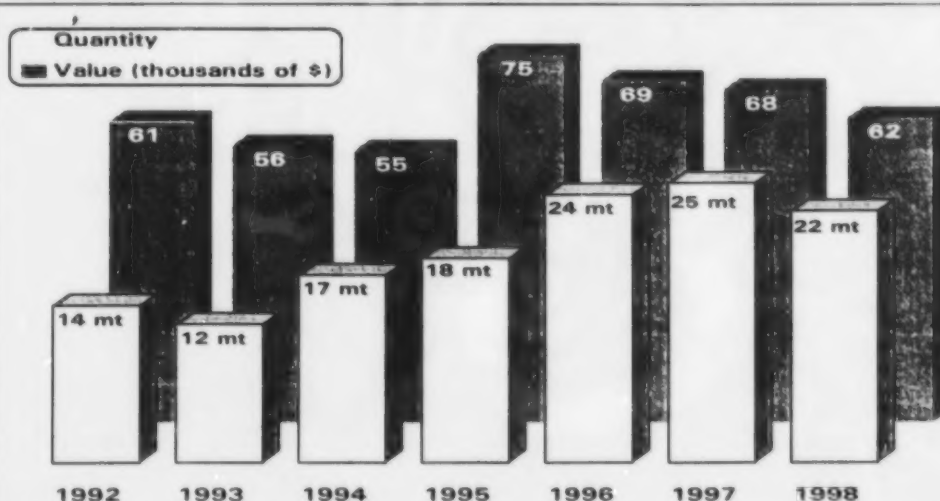


Source: Policy and economics branch, DFO Laurentian Region

Economic profile of Magdalen Islands lobster fleet

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	324		322	
Specialized enterprises	324		321	
Employment¹				
Number of specialized fishermen and fishermen helper	729		786	
Fishing Effort				
Average number of trips	n/av		n/av	
Average number of days at sea	n/av		n/av	
Average number of days fished	n/av		n/av	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	789	585	665	620
Pelagic fish				
- Mackerel	12 456	5 411	5 755	2 758
- Others	4 730	1 614	7 940	2 238
Molusc	645	1 014	652	943
Crustacean				
- Lobster	5 669	58 660	5 852	54 706
- Others	347	191	629	396
Others	138	241	784	385
Total	24 774	67 716	22 277	62 045
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	0.74		0.93	
Pelagic fish				
- Mackerel	0.43		0.48	
- Others	0.34		0.28	
Molusc	1.57		1.45	
Crustacean				
- Lobster	10.35		9.35	
- Others	0.55		0.63	
Others	1.75		0.49	

Evolution of average landing, 1992 to 1998



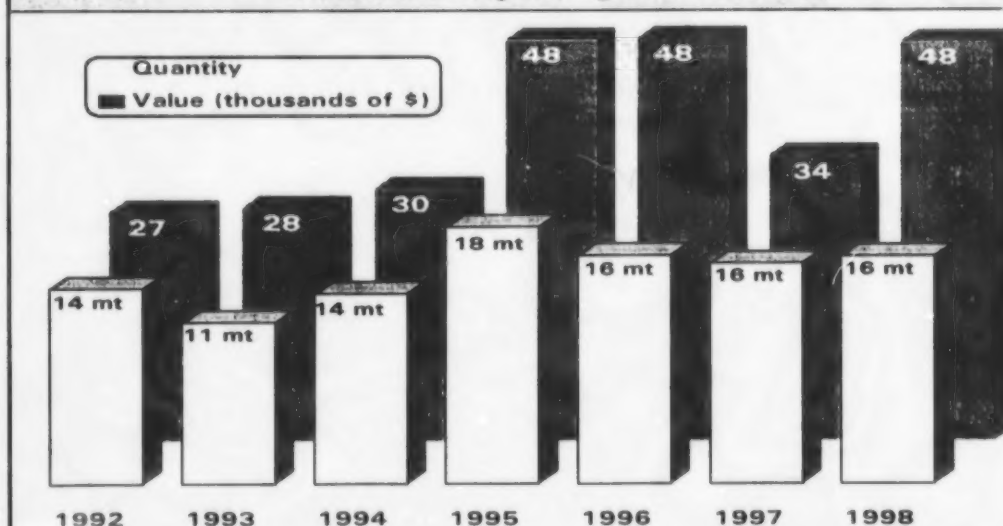
Source: Policy and economics branch, DFO Laurentian Region

1: For 1998, the size of the crew has been adjusted according to the information obtained during the Study on the operating results of lobster fleet, 1998

Economic profile of Gaspé Peninsula lobster fleet

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	218		214	
Specialized enterprises	218		212	
Employment¹				
Number of specialized fishermen and fishermen helper	458		471	
Fishing Effort				
Average number of trips	n/av		n/av	
Average number of days at sea	n/av		n/av	
Average number of days fished	n/av		n/av	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	647	776	378	467
Pelagic fish				
- Mackerel	8 269	1 295	6 562	965
- Others	1 882	1 166	3 016	1 627
Molusc	11	8	0	0
Crustacean				
- Lobster	2 950	29 852	4 263	43 492
- Others	1 951	1 087	2 026	1 340
Others	1	2	-	-
Total	15 711	34 186	16 245	47 890
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	1.20		1.23	
Pelagic fish				
- Mackerel	0.16		0.15	
- Others	0.62		0.54	
Molusc	-		0.56	
Crustacean				
- Lobster	10.12		10.20	
- Others	0.56		0.66	
Others	2.00		-	

Evolution of average landing, 1992 to 1998



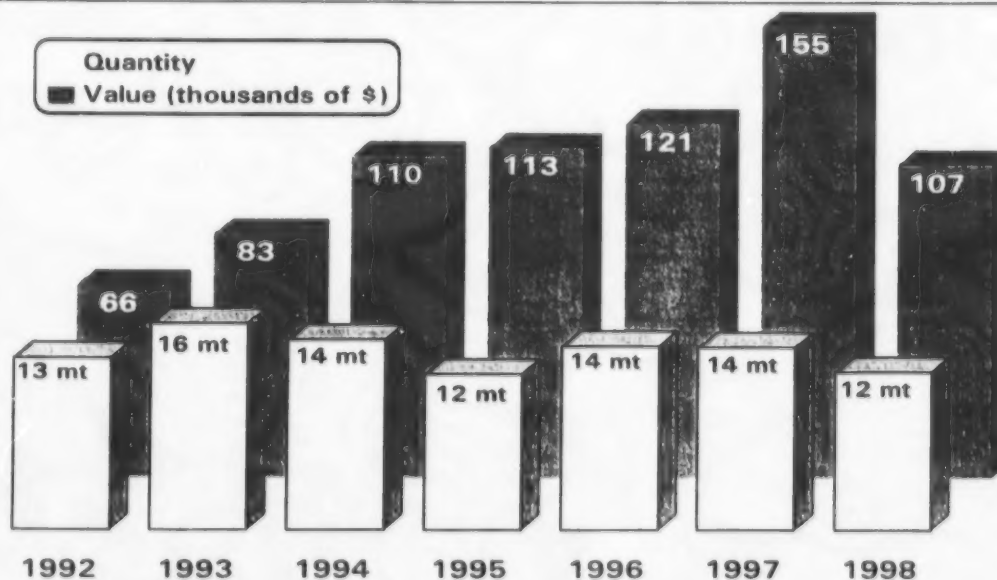
Source: Policy and economics branch, DFO Laurentian Region

1: For 1998, the size of the crew has been adjusted according to the information obtained during the Study on the operating results of lobster fleet, 1998

Economic profile of Anticosti Island lobster fleet

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	14		13	
Specialized enterprises	12		12	
Employment				
Number of specialized fishermen and fishermen helper	40		40	
Fishing Effort				
Average number of trips	6		10	
Average number of days at sea	6		10	
Average number of days fished	6		10	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	-	-	-	-
Pelagic fish	-	-	-	-
Molusc	-	-	2 139	2 019
Crustacean				
- Lobster	13 841	155 281	9 808	105 259
- Others	-	-	-	-
Others	-	-	-	-
Total	13 841	155 281	11 947	107 278
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	-		-	
Pelagic fish	-		-	
Molusc	-		0.94	
Crustacean				
- Lobster	11.22		10.73	
- Others	-		-	
Others	-		-	

Evolution of average landing, 1992 to 1998

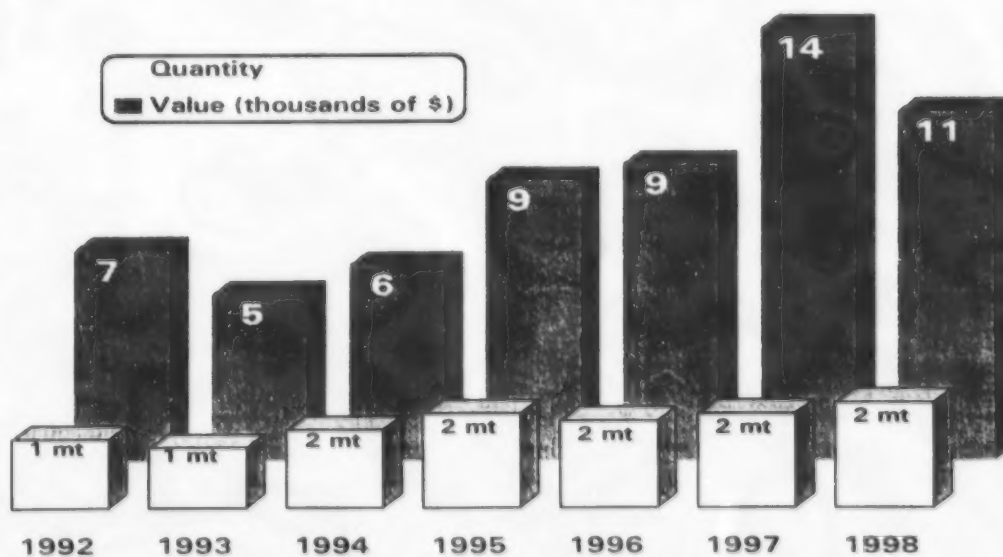


Source: Policy and economics branch, DFO Laurentian Region

Economic profile of North-Shore lobster fleet

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	35		29	
Specialized enterprises	26		25	
Employment				
Number of specialized fishermen and fishermen helper	26		25	
Fishing Effort				
Average number of trips	13		12	
Average number of days at sea	13		12	
Average number of days fished	13		12	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	132	113	381	376
Pelagic fish	252	94	294	120
Molusc	156	191	83	152
Crustacean				
- Lobster	1 354	13 072	1 048	9 422
- Others	-	-	366	881
Others	82	188	32	70
Total	1 976	13 658	2 204	11 020
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	0.86		0.99	
Pelagic fish	0.37		0.41	
Molusc	1.22		1.83	
Crustacean				
- Lobster	9.65		8.99	
- Others	-		2.41	
Others	2.29		2.20	

Evolution of average landing, 1992 to 1998

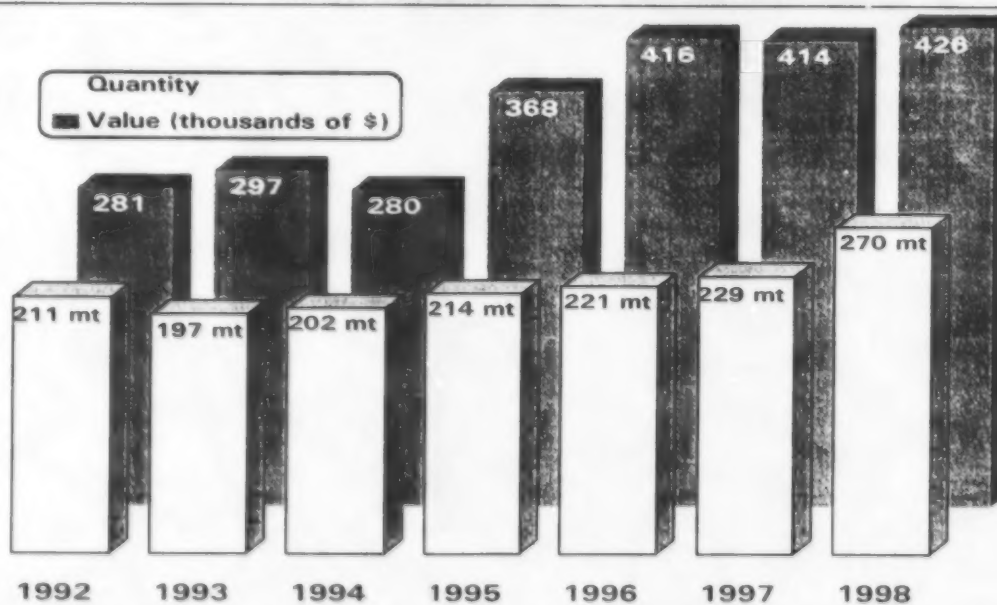


Source: Policy and economics branch, DFO Laurentian Region

Shrimpers economic profile

Fleet characteristics	1997		1998	
Fleet size				
<i>Active enterprises</i>	49		51	
<i>Specialized enterprises</i>	48		51	
Employment				
<i>Number of specialized fishermen and fishermen helper</i>	178		189	
Fishing Effort				
<i>Average number of trips</i>	15		18	
<i>Average number of days at sea</i>	96		101	
<i>Average number of days fished</i>	68		73	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	1 027	1 673	215	378
Pelagic fish	16	5	-	-
Molusc	-	-	-	-
Crustacean				
- <i>Shrimp</i>	227 835	412 675	268 670	423 767
- <i>Others</i>	132	-	810	2 052
Others	-	-	-	-
Total	229 010	414 353	269 695	426 198
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	1.63		1.76	
Pelagic fish	0.31		-	
Molusc	-		-	
Crustacean				
- <i>Shrimp</i>	1.81		1.58	
- <i>Others</i>	-		2.54	
Others	-		-	

Evolution of average landing, 1992 to 1998

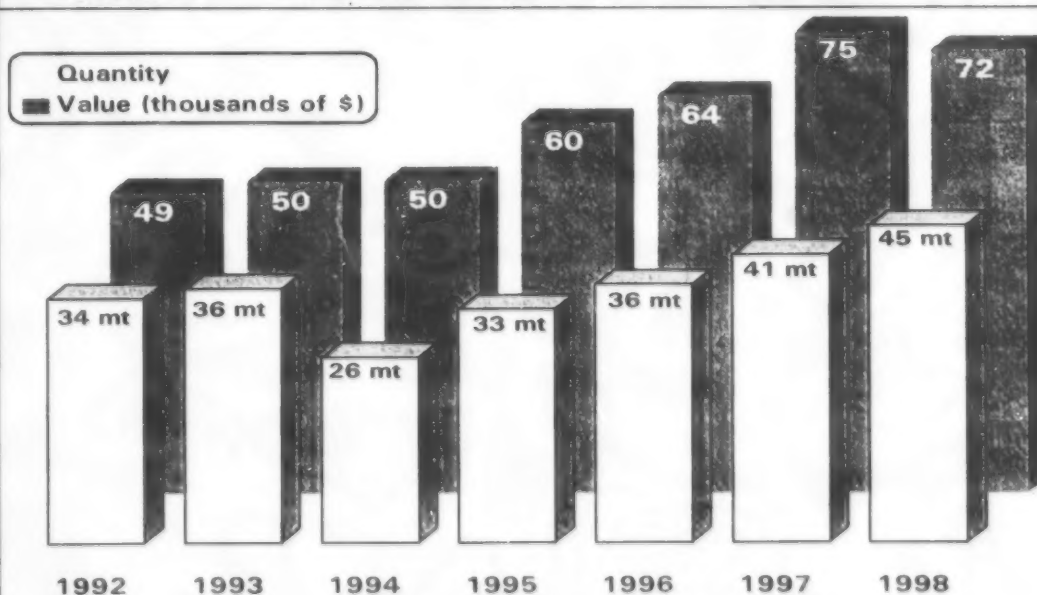


Source: Policy and economics branch, DFO Laurentian Region

Scallop fleet economic profile, Gaspé Peninsula / Magdalen Islands

Fleet characteristics	1997		1998	
Fleet size				
<i>Active enterprises</i>	15		15	
<i>Specialized enterprises</i>	14		15	
Employment				
<i>Number of specialized fishermen and fishermen helper</i>	38		41	
Fishing Effort				
<i>Average number of trips</i>	45		35	
<i>Average number of days at sea</i>	70		63	
<i>Average number of days fished</i>	64		59	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	858	591	1 701	1 285
Pelagic fish	116	2 714	25	14
Molusc				
- <i>Scallop</i>	37 322	69 741	40 532	68 664
- <i>Others</i>	94	41	19	6
Crustacean	1 538	848	2 340	1 548
Others	634	740	45	50
Total	40 562	74 675	44 663	71 566
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	0.69		0.76	
Pelagic fish	23.40		0.55	
Molusc				
- <i>Scallop</i>	1.87		1.69	
- <i>Others</i>	0.44		0.33	
Crustacean	0.55		0.66	
Others	1.17		1.11	

Evolution of average landing, 1992 to 1998

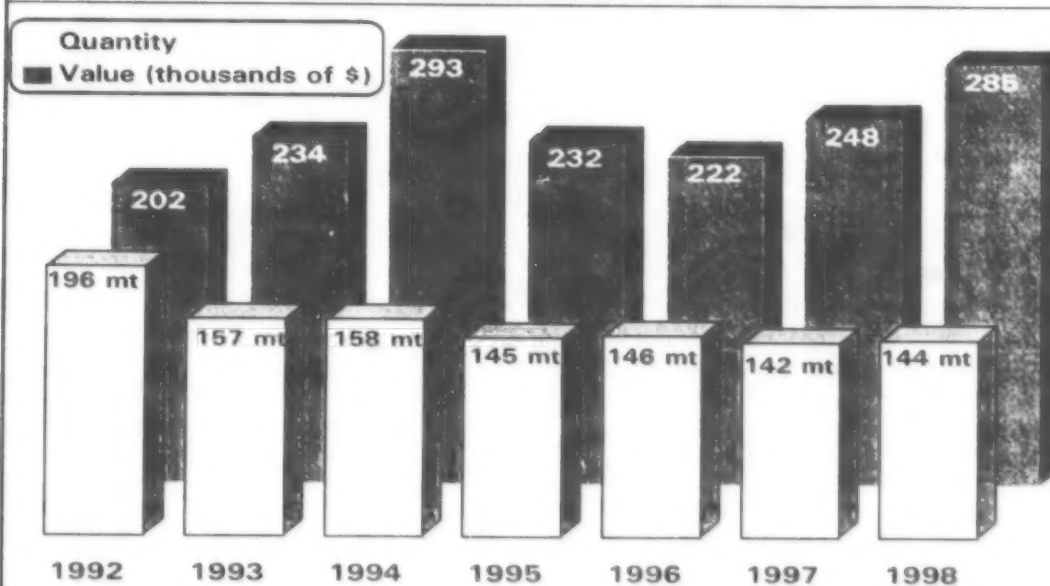


Source: Policy and economics branch, DFO Laurentian Region

Scallop fleet economic profile, area 16E

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	6		7	
Specialized enterprises	6		7	
Employment				
Number of specialized fishermen and fishermen helper	33		39	
Fishing Effort				
Average number of trips	67		62	
Average number of days at sea	72		74	
Average number of days fished	71		70	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	-	-	-	-
Pelagic fish	-	-	-	-
Molusc				
- Scallop	141 733	247 584	133 770	252 711
- Others	-	-	-	-
Crustacean	-	-	9 768	32 318
Others	-	-	-	-
Total	141 733	247 584	143 538	285 029
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	-		-	
Pelagic fish	-		-	
Molusc				
- Scallop	1.75		1.89	
- Others	-		-	
Crustacean	-		3.31	
Others	-		-	

Evolution of average landing, 1992 to 1998



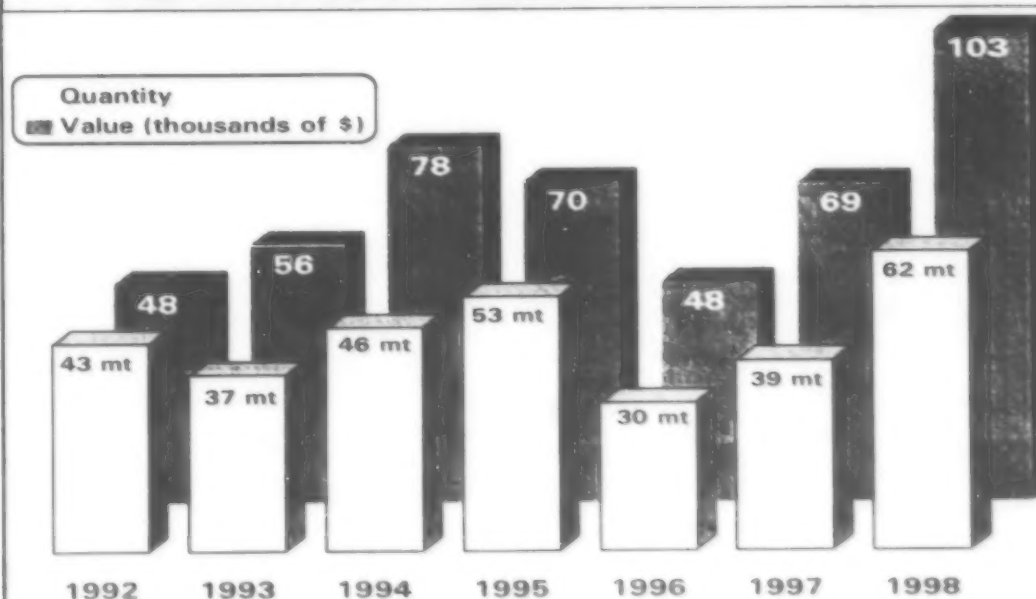
Source: Policy and economics branch, DFO Laurentian Region

Scallop fleet economic profile, North-Shore

(excluded zone 16E)

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	11		13	
Specialized enterprises	10		12	
Employment				
Number of specialized fishermen and fishermen helper	53		64	
Fishing Effort				
Average number of trips	31		41	
Average number of days at sea	69		70	
Average number of days fished	58		58	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	875	769	7 658	11 508
Pelagic fish	-	-	-	-
Molusc				
- Scallop	36 334	63 719	49 919	84 882
- Others	-	-	2 045	1 429
Crustacean	1 920	4 679	2 159	5 285
Others	61	278	-	-
Total	39 190	69 445	61 781	103 104
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	0.88		1.50	
Pelagic fish	-		-	
Molusc				
- Scallop	1.75		1.70	
- Others	-		0.70	
Crustacean	2.44		2.45	
Others	4.56		-	

Evolution of average landing, 1992 to 1998

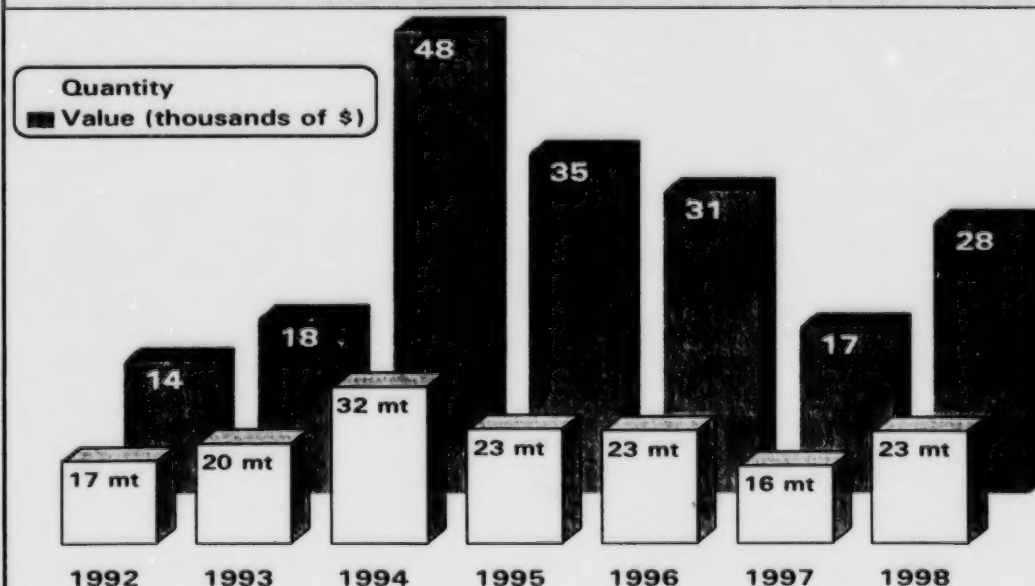


Source: Policy and economics branch, DFO Laurentian Region

Economic profile of longliners under 35 ft, Groundfish

Fleet characteristics	1997		1998	
Fleet size				
<i>Active enterprises</i>	108		112	
<i>Specialized enterprises</i>	82		69	
Employment				
<i>Number of specialized fishermen and fishermen helper</i>	166		138	
Fishing Effort				
<i>Average number of trips</i>	33		32	
<i>Average number of days at sea</i>	34		32	
<i>Average number of days fished</i>	34		32	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish				
- <i>Greenland halibut</i>	5 806	9 272	10 184	16 814
- <i>Atlantic halibut</i>	138	786	296	1 638
- <i>Others</i>	4 787	4 258	6 067	5 164
Pelagic fish	3 450	1 044	3 307	965
Molusc and crustacean	1 199	957	2 711	2 796
Others	233	667	136	277
Total	15 612	16 986	22 700	27 654
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish				
- <i>Greenland halibut</i>	1.60		1.65	
- <i>Atlantic halibut</i>	5.70		5.54	
- <i>Others</i>	0.89		0.85	
Pelagic fish	0.30		0.29	
Molusc and crustacean	0.80		1.03	
Others	2.86		2.05	

Evolution of average landing, 1992 to 1998

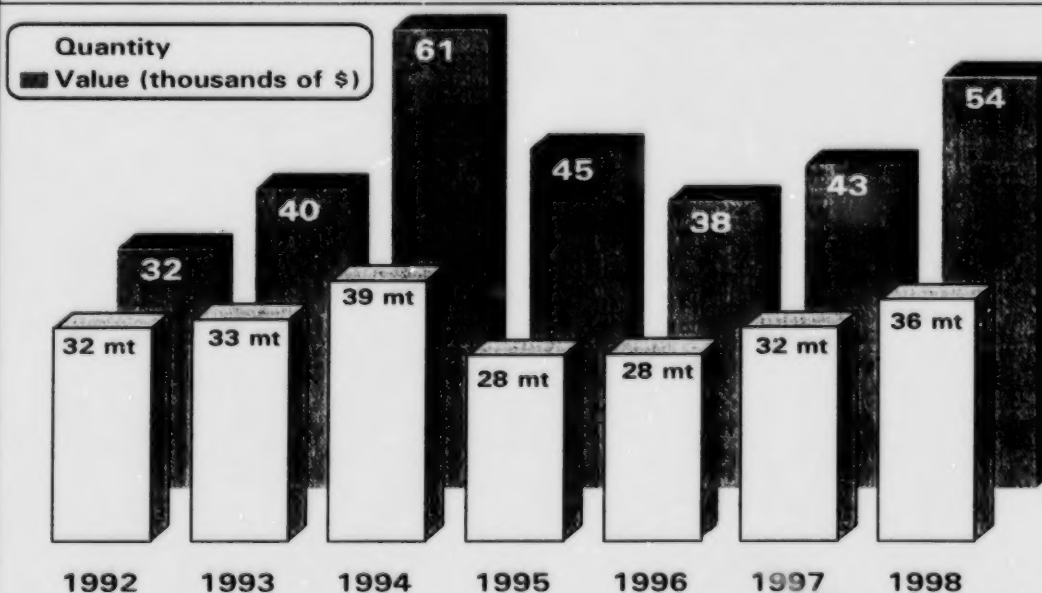


Source: Policy and economics branch, DFO Laurentian Region

Economic profile of longliners 35 to 50 ft, Groundfish

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	52		61	
Specialized enterprises	48		55	
Employment				
Number of specialized fishermen and fishermen helper	120		138	
Fishing Effort				
Average number of trips	21		25	
Average number of days at sea	25		31	
Average number of days fished	23		28	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish				
- Greenland halibut	22 242	34 435	26 791	44 043
- Atlantic halibut	298	1 583	413	2 178
- Others	1 923	2 210	2 433	2 177
Pelagic fish	2 966	881	2 453	1 007
Molusc and crustacean	4 640	3 551	4 334	5 058
Others	80	101	6	5
Total	32 149	42 761	36 430	54 467
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish				
- Greenland halibut	1.55		1.64	
- Atlantic halibut	5.31		5.27	
- Others	1.15		0.89	
Pelagic fish	0.30		0.41	
Molusc and crustacean	0.77		1.17	
Others	1.26		0.77	

Evolution of average landing, 1992 to 1998

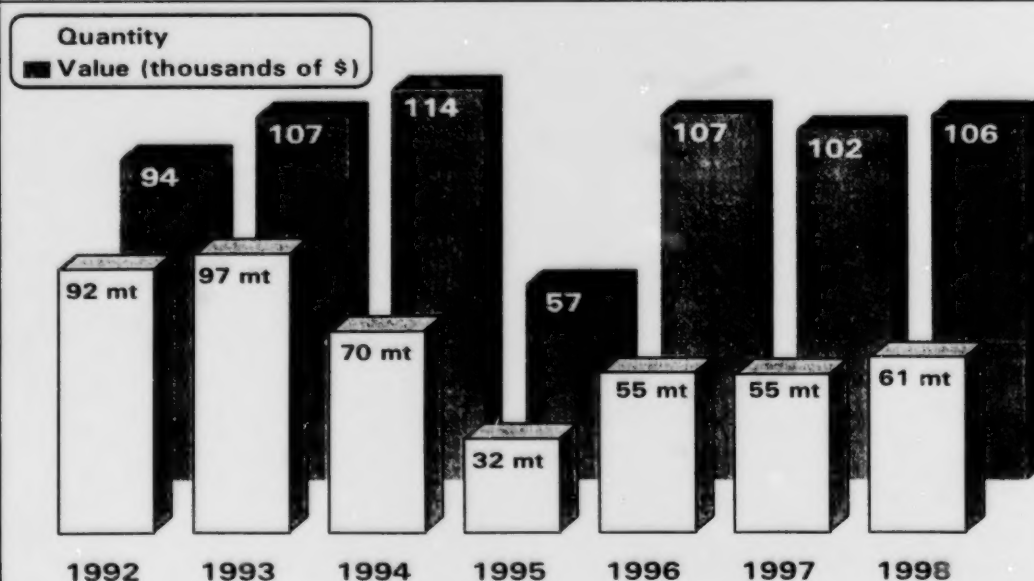


Source: Policy and economics branch DFO Laurentian Region

Economic profile of longliners over 50 ft, Groundfish

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	15		15	
Specialized enterprises	13		13	
Employment				
Number of specialized fishermen and fishermen helper	62		62	
Fishing Effort				
Average number of trips	11		14	
Average number of days at sea	77		80	
Average number of days fished	47		50	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish				
- Greenland halibut	19 442	30 933	34 539	58 498
- Atlantic halibut	5 815	32 193	5 290	27 777
- Others	28 966	36 202	21 143	20 152
Pelagic fish	176	74	27	11
Molusc and crustacean	545	2 705	-	-
Others	-	-	-	-
Total	54 944	102 107	61 000	106 438
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish				
- Greenland halibut	1.59		1.69	
- Atlantic halibut	5.54		5.25	
- Others	1.25		0.95	
Pelagic fish	0.42		0.41	
Molusc and crustacean	4.96		-	
Others	-		-	

Evolution of average landing, 1992 to 1998

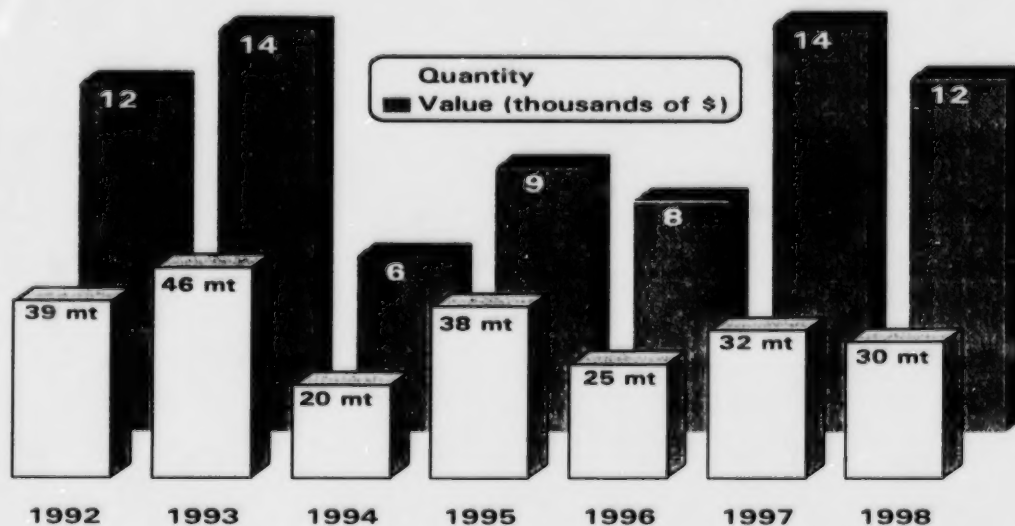


Source: Policy and economics branch, DFO Laurentian Region

Economic profile of longliners under 35 ft, Pelagic fish

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	38		39	
Specialized enterprises	24		25	
Employment				
Number of specialized fishermen and fishermen helper	38		40	
Fishing Effort				
Average number of trips	27		20	
Average number of days at sea	27		20	
Average number of days fished	27		20	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	2 194	1 761	1 030	1 150
Pelagic fish				
- Herring	11 539	3 314	15 238	3 002
- Mackerel	16 378	7 624	12 931	6 791
- Others	1 752	186	317	45
Molusc and crustacean	201	1 075	344	1 476
Others	351	486	13	29
Total	32 415	14 446	29 873	12 493
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	0.80		1.12	
Pelagic fish				
- Herring	0.29		0.20	
- Mackerel	0.47		0.53	
- Others	0.11		0.14	
Molusc and crustacean	5.35		4.28	
Others	1.38		2.20	

Evolution of average landing, 1992 to 1998

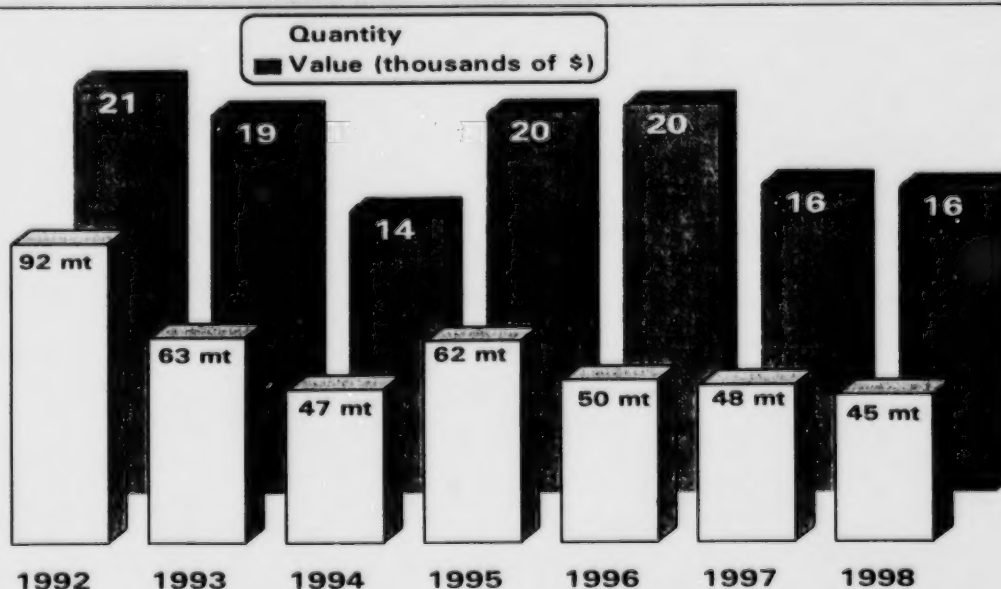


Source: Policy and economics branch, DFO Laurentian Region

Economic profile of longliners 35 to 50 ft, Pelagic fish

Fleet characteristics	1997		1998	
Fleet size				
Active enterprises	12		10	
Specialized enterprises	11		9	
Employment				
Number of specialized fishermen and fishermen helper	22		18	
Fishing Effort				
Average number of trips	23		15	
Average number of days at sea	23		15	
Average number of days fished	23		15	
Average landing	1997		1998	
	Quantity (kg)	Value (\$)	Quantity (kg)	Value (\$)
Groundfish	121	162	838	1 119
Pelagic fish				
- Herring	32 474	5 130	27 169	6 086
- Mackerel	15 075	7 626	16 999	7 997
- Others	109	525	-	-
Molusc and crustacean	177	1 979	42	406
Others	169	372	2	2
Total	48 125	15 794	45 050	15 610
Average Price	1997		1998	
	(\$/kg)		(\$/kg)	
Groundfish	1.34		1.34	
Pelagic fish				
- Herring	0.16		0.22	
- Mackerel	0.51		0.47	
- Others	4.82		-	
Molusc and crustacean	11.18		9.76	
Others	2.20		1.13	

Evolution of average landing, 1992 to 1998



Source: Policy and economics branch, DFO Laurentian Region

***DISTRIBUTION OF
LANDINGS BY SECTOR***

TABLE 18

LANDINGS ON THE GASPÉ PENINSULA IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	867	954	1 155	1 115	33.2	16.9
Haddock.....	-	-	°	°	N/A	N/A
Redfish.....	18	8	53	24	194.4	200.0
Atlantic Halibut.....	134	714	126	639	-6.0	-10.5
American Plaice.....	109	77	119	85	9.2	10.4
Greysole.....	20	25	18	10	-10.0	-60.0
Winter Flounder.....	39	31	5	4	-87.2	-87.1
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	1 742	2 708	2 530	4 267	45.2	57.6
White Hake.....	10	5	21	12	110.0	140.0
Catfish.....	4	1	2	1	-50.0	-
Other groundfish.....	11	3	8	3	-27.3	-
Total groundfish.....	2 954	4 527	4 037	6 161	36.7	36.1
Herring.....	3 503	544	2 016	329	-42.4	-39.5
Mackerel.....	541	333	814	463	50.5	39.0
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	°	2	°	2	N/A	-
Salmon.....	-	-	-	-	-	-
Smelts.....	320	147	114	91	-64.4	-38.1
Capelin.....	50	7	10	1	-80.0	-85.7
Other pelagic and estuarian species.....	29	18	11	3	-62.1	-83.3
Total pelagic and estuarian species.....	4 443	1 051	2 965	888	-33.3	-15.5
Soft Shell Clams.....	14	17	26	57	85.7	235.3
Quahaugs Clams.....	-	-	-	-	-	-
Mussels.....	7	29	11	47	57.1	62.1
Sea Scallops.....	451	810	599	854	32.8	5.4
Winkles.....	118	87	136	98	15.3	12.6
Lobsters.....	774	7 913	1 029	10 550	32.9	33.3
Shrimp.....	12 100	21 507	13 208	20 941	9.2	-2.6
Snow Crabs.....	5 359	19 868	4 544	12 103	-15.2	-39.1
Other mollusc and crustacean.....	615	344	570	375	-7.3	9.0
Total mollusc and crustacean.....	19 439	50 576	20 122	45 025	3.5	-11.0
Other items.....	64	104	°	°	N/A	N/A
Total.....	26 899	56 258	27 124	52 074	0.8	-7.4

TABLE 18A

LANDINGS ON THE GASPÉ PENINSULA BY VESSELS UNDER 35' IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	129	169	150	146	16.3	-13.6
Haddock.....	-	-	-	-	N/A	N/A
Redfish.....	2	1	2	1	-	-
Atlantic Halibut.....	21	112	23	124	9.5	10.7
American Plaice.....	37	31	31	26	-16.2	-16.1
Greysole.....	1	-	-	-	N/A	N/A
Winter Flounder.....	28	22	3	2	-89.3	-90.9
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	426	680	610	1 033	43.2	51.9
White Hake.....	1	-	1	1	-	N/A
Catfish.....	-	-	-	-	N/A	N/A
Other groundfish.....	7	2	2	1	-71.4	-50.0
Total groundfish.....	651	1 018	823	1 334	26.4	31.0
Herring.....	1 097	191	740	123	-32.5	-35.6
Mackerel.....	354	216	541	305	52.8	41.2
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	2	-	2	N/A	-
Salmon.....	-	-	-	-	-	-
Smelts.....	320	147	102	81	-68.1	-44.9
Capelin.....	50	7	10	1	-80.0	-85.7
Other pelagic and estuarine species.....	12	10	1	-	-91.7	N/A
Total pelagic and estuarine species.....	1 833	574	1 393	512	-24.0	-10.8
Soft Shell Clams.....	14	17	26	57	85.7	235.3
Quahags Clams.....	-	-	-	-	-	-
Mussels.....	7	29	11	47	57.1	62.1
Sea Scallops.....	3	46	4	76	33.3	65.2
Winkles.....	42	31	41	31	-2.4	-
Lobsters.....	663	6 763	889	9 101	34.1	34.6
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	190	713	110	280	-42.1	-60.7
Other mollusc and crustacean.....	606	343	545	360	-10.1	5.0
Total mollusc and crustacean.....	1 525	7 943	1 526	9 952	6.6	25.3
Other items.....	10	16	-	-	-100.0	-100.0
Total.....	4 019	9 551	3 842	11 797	-4.4	23.5

TABLE 18B

LANDINGS ON THE GASPÉ PENINSULA BY VESSELS 35' TO 44'11" IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	112	123	126	118	12.5	-4.1
Haddock.....	-	-	-	-	-	-
Redfish.....	2	1	5	3	150.0	200.0
Atlantic Halibut.....	17	89	13	66	-23.5	-25.8
American Plaice.....	30	24	27	23	-10.0	-4.2
Greysole.....	18	24	2	2	-88.9	-91.7
Winter Flounder.....	10	7	2	2	-80.0	-71.4
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	803	1 237	1 084	1 812	35.0	46.5
White Hake.....	1	°	2	1	100.0	N/A
Catfish.....	°	°	°	°	N/A	N/A
Other groundfish.....	2	1	1	1	-50.0	-
Total groundfish.....	995	1 506	1 264	2 027	27.0	34.6
Herring.....	2 387	349	1 261	204	-47.2	-41.5
Mackerel.....	186	116	270	155	45.2	33.6
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	12	11	N/A	N/A
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	7	4	1	°	-85.7	N/A
Total pelagic and estuarian species.....	2 581	470	1 544	369	-40.2	-21.5
Soft Shell Clams.....	-	-	-	-	-	-
Quahags Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	239	467	393	557	64.4	19.3
Winkles.....	76	55	95	67	25.0	21.8
Lobsters.....	75	734	122	1 259	62.7	71.5
Shrimp.....	84	155	127	207	51.2	33.5
Snow Crabs.....	972	3 490	868	2 228	-10.7	-36.2
Other mollusc and crustacean.....	2	1	25	15	N/A	N/A
Total mollusc and crustacean.....	1 448	4 901	1 629	4 334	12.5	-11.6
Other items.....	53	88	°	°	N/A	N/A
Total.....	5 077	6 966	4 437	6 730	-12.6	-3.4

TABLE 18C

LANDINGS ON THE GASPÉ PENINSULA BY VESSELS 45' TO 64'11" IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	625	661	880	851	40.8	28.7
Haddock.....	-	-	0	0	N/A	N/A
Redfish.....	14	6	46	20	228.6	233.3
Atlantic Halibut.....	96	511	89	449	-7.3	-12.1
American Plaice.....	42	21	61	37	45.2	76.2
Greysole.....	1	1	15	8	N/A	N/A
Winter Flounder.....	2	1	-	-	-100.0	-100.0
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	512	791	836	1 423	63.3	79.9
White Hake.....	9	5	18	10	100.0	100.0
Catfish.....	4	1	1	0	-75.0	N/A
Other groundfish.....	2	1	5	2	150.0	100.0
Total groundfish.....	1 306	1 999	1 951	2 801	49.4	40.1
Herring.....	19	3	15	2	-21.1	-33.3
Mackerel.....	-	-	4	3	N/A	N/A
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	0	0	N/A	N/A
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarine species.....	11	4	10	2	-9.1	-50.0
Total pelagic and estuarine species.....	29	7	28	7	-3.4	-
Soft Shell Clams.....	-	-	-	-	-	-
Quahogs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	209	297	202	221	-3.3	-25.6
Winkles.....	-	-	-	-	-	-
Lobsters.....	36	416	18	190	-50.0	-54.3
Shrimp.....	9 494	16 821	10 163	16 061	7.0	-4.5
Snow Crabs.....	4 099	15 295	3 481	9 279	-15.1	-39.3
Other mollusc and crustacean.....	4	0	0	0	N/A	N/A
Total mollusc and crustacean.....	13 842	32 829	13 865	25 752	0.2	-21.6
Other items.....	-	-	-	-	-	-
Total.....	15 178	34 835	15 843	28 560	4.4	-18.0

TABLE 18D

LANDINGS ON THE GASPÉ PENINSULA BY VESSELS 65' AND OVER IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	°	°	-	-	N/A	N/A
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	1	2	-	-	-100.0	-100.0
American Plaice.....	-	-	-	-	-	-
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	°	°	-	-	N/A	N/A
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	°	°	°	°	N/A	N/A
Total groundfish.....	1	2	°	°	N/A	N/A
Herring.....	-	-	-	-	-	-
Mackerel.....	-	-	-	-	-	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarine species.....	-	-	-	-	-	-
Total pelagic and estuarine species.....	-	-	-	-	-	-
Soft Shell Clams.....	-	-	-	-	-	-
Quahaugs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	-	-	-	-	-	-
Winkles.....	-	-	-	-	-	-
Lobsters.....	-	-	-	-	-	-
Shrimp.....	2 522	4 532	2 917	4 672	15.7	3.1
Snow Crabs.....	99	371	84	315	-15.2	-15.1
Other mollusc and crustacean.....	2	°	-	-	-100.0	N/A
Total mollusc and crustacean.....	2 624	4 902	3 002	4 988	14.4	1.8
Other items.....	-	-	-	-	-	-
Total.....	2 625	4 904	3 002	4 988	14.4	1.7



TABLE 18E

SUPPLEMENTARY PURCHASE SLIPS ON THE GASPÉ PENINSULA IN 1997 AND 1998 (1)

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	57	77	62	77	8.8	-
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	6	36	9	51	50.0	41.7
American Plaice.....	13	9	16	12	23.1	33.3
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	-	N/A	N/A
Total groundfish.....	75	122	86	139	14.7	13.9
Herring.....	79	12	72	11	-8.9	-8.3
Mackerel.....	64	39	36	21	-43.8	-46.2
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	2	-	2	N/A	-
Salmon.....	-	-	-	-	-	-
Smelts.....	315	145	72	58	-77.1	-60.0
Capelin.....	49	7	10	1	-79.6	-85.7
Other pelagic and estuarian species.....	-	-	-	-	N/A	N/A
Total pelagic and estuarian species.....	508	205	190	92	-62.6	-55.1
Soft Shell Clams.....	14	17	25	56	78.6	229.4
Quahaugs Clams.....	-	-	-	-	-	-
Mussels.....	7	29	11	47	57.1	62.1
Sea Scallops.....	3	46	4	76	33.3	65.2
Winkles.....	3	2	5	4	66.7	100.0
Lobsters.....	59	597	50	509	-15.3	-14.7
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	9	34	11	29	22.2	-14.7
Other mollusc and crustacean.....	16	9	10	7	-37.5	-22.2
Total mollusc and crustacean.....	112	735	117	728	4.5	-1.0
Other items.....	8	14	-	-	-100.0	-100.0
Total.....	703	1 076	394	959	-44.0	-10.9

(1) Refer to page XXXI for "Supplementary purchase slips" definition.

TABLE 18.1

MONTHLY LANDINGS ON THE GASPÉ PENINSULA BY SPECIES,

1998 SEASON

(Quantity in rounded metric tons, live weight)

SPECIES	January	February	March	April	May	June
Cod.....	-	-	-	-	102	131
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	1	1
Atlantic Halibut.....	-	-	-	1	64	46
American Plaice.....	-	-	-	-	2	10
Greysole.....	-	-	-	-	2	5
Winter Flounder.....	-	-	-	-	2	1
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	-	-	36	38
White Hake.....	-	-	-	-	5	10
Catfish.....	-	-	-	-	1	1
Other groundfish.....	-	-	-	-	-	1
Total groundfish.....	-	-	-	1	213	243
Herring.....	-	-	-	17	188	85
Mackerel.....	-	-	-	-	8	270
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	1	27	86	1	-	-
Capelin.....	-	-	-	-	-	10
Other pelagic and estuarine species.....	-	-	-	-	1	5
Total pelagic and estuarine species.....	1	27	86	17	196	370
Soft Shell Clams.....	-	-	-	4	10	4
Quahags Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	11	-	-
Sea Scallops.....	-	-	-	-	69	115
Winkles.....	-	-	-	5	19	29
Lobsters.....	-	-	-	1	686	275
Shrimp.....	-	-	-	2 317	3 061	2 486
Snow Crabs.....	-	-	27	480	2 361	1 570
Other mollusc and crustacean.....	-	-	-	-	8	13
Total mollusc and crustacean.....	-	-	27	2 818	6 213	4 492
Other items.....	-	-	-	-	-	-
Total.....	1	27	113	2 836	6 623	5 105

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 18.1

MONTHLY LANDINGS ON THE GASPÉ PENINSULA BY SPECIES,

1998 SEASON

(Quantity in rounded metric tons, live weight)

July	August	September	October	November	December	Total
139	542	187	56	-	-	1 155
-	-	-	-	-	-	-
32	15	2	2	1	-	53
6	6	1	-	1	-	126
34	40	26	5	3	-	119
-	1	8	-	-	-	18
3	-	-	-	-	-	5
-	-	-	-	-	-	-
1 675	347	387	4	45	-	2 531
4	2	-	-	-	-	21
1	-	-	-	-	-	2
4	2	1	-	-	-	8
<u>1 896</u>	<u>954</u>	<u>611</u>	<u>67</u>	<u>49</u>	<u>-</u>	<u>4 038</u>
13	351	1 352	11	-	-	2 016
121	231	182	3	-	-	814
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	114
-	-	-	-	-	-	10
1	2	2	-	-	-	11
<u>136</u>	<u>583</u>	<u>1 536</u>	<u>14</u>	<u>-</u>	<u>-</u>	<u>2 965</u>
-	-	-	8	-	-	26
-	-	-	-	-	-	-
-	-	-	-	-	-	11
95	144	86	16	76	-	500
20	34	16	13	-	-	136
66	1	-	-	-	-	1 029
2 351	1 661	924	373	35	-	13 208
104	1	-	-	-	-	4 544
63	271	163	50	2	-	570
<u>2 701</u>	<u>2 111</u>	<u>1 189</u>	<u>459</u>	<u>112</u>	<u>-</u>	<u>20 122</u>
-	-	-	-	-	-	-
<u>4 732</u>	<u>3 649</u>	<u>3 335</u>	<u>539</u>	<u>161</u>	<u>-</u>	<u>27 124</u>

TABLE 18.1A

MONTHLY LANDINGS ON THE GASPÉ PENINSULA BY SPECIES,

1998 SEASON

(Value in thousands of dollars)

SPECIES	January	February	March	April	May	June
Cod.....	-	-	-	-	129	171
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	-	-	-	7	333	231
American Plaice.....	-	-	-	-	1	10
Greysole.....	-	-	-	-	2	3
Winter Flounder.....	-	-	-	-	1	1
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	-	1	72	70
White Hake.....	-	-	-	-	3	6
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	-	-	1
Total groundfish.....	-	-	-	8	540	491
Herring.....	-	-	-	6	54	24
Mackerel.....	-	-	-	-	4	152
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	21	70	-	-	-
Capelin.....	-	-	-	-	-	1
Other pelagic and estuarian species.....	-	-	-	-	-	1
Total pelagic and estuarian species.....	-	21	70	6	58	178
Soft Shell Clams.....	-	-	-	9	22	9
Quahaugs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	47	-	-
Sea Scallops.....	-	-	-	-	133	155
Winkles.....	-	-	-	4	12	19
Lobsters.....	-	-	-	7	7 017	2 800
Shrimp.....	-	-	-	3 638	4 869	3 927
Snow Crabs.....	-	-	69	1 231	6 312	4 209
Other mollusc and crustacean.....	-	-	-	-	5	9
Total mollusc and crustacean.....	-	-	69	4 936	18 371	11 128
Other items.....	-	-	-	-	-	-
Total.....	-	21	139	4 949	18 969	11 796

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 18.1A

MONTHLY LANDINGS ON THE GASPÉ PENINSULA BY SPECIES,

1998 SEASON

(Value in thousands of dollars)

July	August	September	October	November	December	Total
109	426	233	48	°	-	1 115
-	-	-	-	-	-	-
14	7	1	1	°	-	24
30	29	4	1	4	-	639
24	24	20	4	2	-	85
°	1	5	°	-	-	11
2	-	-	-	-	-	4
-	-	-	-	-	-	-
2 780	583	674	6	81	-	4 267
2	1	°	°	°	-	12
°	-	-	-	-	-	-
2	1	°	-	-	-	3
2 963	1 072	938	60	87	-	6 160
5	52	182	5	-	-	329
70	131	104	2	-	-	463
-	-	-	-	-	-	-
-	-	1	1	-	-	2
-	-	-	-	-	-	-
-	-	°	-	-	-	91
-	-	-	-	-	-	1
1	1	1	-	-	-	2
75	183	287	8	-	-	888
-	-	-	18	-	-	57
-	-	-	-	-	-	-
-	-	-	-	-	-	47
141	188	114	32	91	-	854
15	26	12	10	-	-	98
717	11	-	-	-	-	10 550
3 734	2 645	1 463	607	58	-	20 941
278	3	-	-	-	-	12 103
42	178	108	33	1	-	376
4 926	3 051	1 697	699	149	-	45 025
-	-	-	-	-	-	-
7 965	4 306	2 922	767	236	-	52 073

TABLE 19

LANDINGS, GASPÉ NORTH, 1997 AND 1998

BIC TO RIVIERE-LA-MADELEINE

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	17	22	25	31	47.1	40.9
Haddock.....	-	-	°	°	N/A	N/A
Redfish.....	3	1	4	2	33.3	100.0
Atlantic Halibut.....	5	27	8	46	60.0	70.4
American Plaice.....	13	12	24	20	84.6	66.7
Greysole.....	4	5	2	2	-50.0	-60.0
Winter Flounder.....	10	9	1	1	-90.0	-88.9
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	1 156	1 799	1 433	2 388	24.0	32.7
White Hake.....	1	°	1	°	-	N/A
Catfish.....	°	°	°	°	N/A	N/A
Other groundfish.....	1	°	2	1	100.0	N/A
Total groundfish.....	1 209	1 876	1 500	2 491	24.1	32.8
Herring.....	163	39	92	27	-43.6	-30.8
Mackerel.....	°	°	°	°	N/A	N/A
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	°	2	°	2	N/A	-
Salmon.....	-	-	-	-	-	-
Smelts.....	1	°	°	°	N/A	N/A
Capelin.....	45	6	1	°	-97.8	N/A
Other pelagic and estuarine species.....	2	4	1	°	-50.0	N/A
Total pelagic and estuarine species.....	211	51	94	29	-55.5	-43.1
Soft Shell Clams.....	2	2	10	22	400.0	N/A
Quahogs Clams.....	-	-	-	-	-	-
Mussels.....	°	1	-	-	N/A	-100.0
Sea Scallops.....	58	143	78	148	34.5	3.5
Winkles.....	99	73	131	95	32.3	30.1
Lobsters.....	1	8	1	16	-	100.0
Shrimp.....	3 038	5 549	3 548	6 073	16.8	9.4
Snow Crabs.....	793	2 717	975	2 525	23.0	-7.1
Other mollusc and crustacean.....	15	7	22	15	46.7	114.3
Total mollusc and crustacean.....	4 006	8 501	4 765	8 895	18.9	4.6
Other items.....	62	103	-	-	-100.0	-100.0
Total.....	5 489	10 530	6 359	11 415	15.8	8.4

TABLE 20

LANDINGS, GASPÉ EAST, 1997 AND 1998

GRANDE VALLÉE TO CAP GASPÉ

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	295	378	249	324	-15.6	-14.3
Haddock.....	-	-	-	-	N/A	N/A
Redfish.....	7	4	46	21	N/A	425.0
Atlantic Halibut.....	111	589	97	501	-12.6	-14.9
American Plaice.....	29	26	46	36	58.6	38.5
Greysole.....	1	1	8	5	N/A	400.0
Winter Flounder.....	1	1	-	-	N/A	N/A
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	481	749	867	1 497	80.2	99.9
White Hake.....	8	5	16	9	100.0	80.0
Catfish.....	3	1	2	-	-33.3	N/A
Other groundfish.....	2	1	2	1	-	-
Total groundfish.....	939	1 753	1 333	2 394	42.0	36.6
Herring.....	49	14	7	2	-85.7	-85.7
Mackerel.....	21	11	31	17	47.6	54.5
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	2	1	-	-	-100.0	-100.0
Capelin.....	3	1	5	1	66.7	-
Other pelagic and estuarian species.....	9	3	2	1	-77.8	-66.7
Total pelagic and estuarian species.....	83	29	45	21	-45.8	-27.6
Soft Shell Clams.....	1	2	-	-	-100.0	-100.0
Quahaugs Clams.....	-	-	-	-	-	-
Mussels.....	1	2	2	8	100.0	300.0
Sea Scallops.....	190	283	311	341	63.7	20.5
Winkles.....	19	12	3	2	-84.2	-83.3
Lobsters.....	32	361	49	539	53.1	49.3
Shrimp.....	9 061	15 959	9 659	14 868	6.6	-6.8
Snow Crabs.....	516	1 935	496	1 257	-3.9	-35.0
Other mollusc and crustacean.....	50	32	45	28	-10.0	-12.5
Total mollusc and crustacean.....	9 871	18 586	10 565	17 043	7.0	-8.3
Other items.....	-	-	-	-	-	-
Total.....	10 893	20 368	11 943	19 458	9.6	-4.5

TABLE 21

LANDINGS, GASPÉ SOUTH, 1997 AND 1998

CAP-AUX-OS TO PORT DANIEL

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	552	551	880	759	59.4	37.7
Haddock.....	-	-	-	-	-	-
Redfish.....	8	3	3	1	-62.5	-66.7
Atlantic Halibut.....	18	97	21	92	16.7	-5.2
American Plaice.....	50	24	45	24	-10.0	-
Greysole.....	14	18	7	4	-50.0	-77.8
Winter Flounder.....	4	3	2	2	-50.0	-33.3
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	104	159	230	382	121.2	140.3
White Hake.....	1	1	4	2	300.0	100.0
Catfish.....	1	°	°	°	N/A	N/A
Other groundfish.....	°	°	3	1	N/A	N/A
Total groundfish.....	753	856	1 195	1 267	58.7	48.0
Herring.....	2 686	385	1 436	216	-46.5	-43.9
Mackerel.....	91	53	308	185	238.5	249.1
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	°	°	N/A	N/A
Salmon.....	-	-	-	-	-	-
Smelts.....	3	1	1	1	-66.7	-
Capelin.....	2	1	5	1	150.0	-
Other pelagic and estuarian species.....	18	11	8	1	-55.6	-90.9
Total pelagic and estuarian species.....	2 800	450	1 758	404	-37.2	-10.2
Soft Shell Clams.....	6	8	9	20	50.0	150.0
Quahags Clams.....	-	-	-	-	-	-
Mussels.....	3	15	9	39	200.0	160.0
Sea Scallops.....	96	154	149	234	55.2	51.9
Winkles.....	°	°	1	1	N/A	N/A
Lobsters.....	585	5 927	777	7 942	32.8	34.0
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	3 341	12 561	2 400	6 606	-28.2	-47.4
Other mollusc and crustacean.....	76	43	118	78	55.3	81.4
Total mollusc and crustacean.....	4 108	18 708	3 463	14 920	-15.7	-20.2
Other items.....	°	°	°	°	N/A	N/A
Total.....	7 661	20 014	6 416	16 591	-16.3	-17.1

TABLE 22

LANDINGS, BAIE-DES-CHALEURS, 1997 AND 1998

SHIGAWAKE TO MATAPEDIA

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	3	3	2	2	-33.3	-33.3
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	0	1	-	-	N/A	-100.0
American Plaice.....	17	15	4	5	-76.5	-66.7
Greysole.....	1	0	-	-	-100.0	N/A
Winter Flounder.....	24	19	2	2	-91.7	-89.5
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	1	1	-	-	-100.0	-100.0
White Hake.....	0	0	-	-	N/A	N/A
Catfish.....	-	-	-	-	-	-
Other groundfish.....	8	2	1	0	-87.5	N/A
Total groundfish.....	53	43	9	9	-83.0	-79.1
Herring.....	605	106	481	83	-20.5	-21.7
Mackerel.....	429	270	475	260	10.7	-3.7
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	314	144	112	90	-64.3	-37.5
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	0	0	-	-	N/A	N/A
Total pelagic and estuarian species.....	1 349	520	1 068	433	-20.8	-16.7
Soft Shell Clams.....	5	6	7	15	40.0	150.0
Quahags Clams.....	-	-	-	-	-	-
Mussels.....	3	11	-	-	-100.0	-100.0
Sea Scallops.....	106	230	62	131	-41.5	-43.0
Winkles.....	0	0	-	-	N/A	N/A
Lobsters.....	156	1 617	201	2 054	28.8	27.0
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	709	2 654	674	1 714	-4.9	-35.4
Other mollusc and crustacean.....	474	263	385	254	-18.8	-3.4
Total mollusc and crustacean.....	1 454	4 781	1 329	4 168	-8.6	-12.8
Other items.....	1	1	-	-	-100.0	-100.0
Total.....	2 856	5 346	2 406	4 610	-15.8	-13.8

TABLE 23

LANDING AVERAGE PRICE BY SPECIES ON THE GASPÉ PENINSULA

(Excluding supplementary purchase slips, value in dollars per kilogram)

SPECIES	LANDED FORM DESCRIPTION	1997	1998	VARIATION IN %
GROUND FISH				
Cod	Round.....	.635	.683	7.6
	Gutted, head on.....	1.363	1.241	-9.0
Redfish	Round.....	.476	.454	-4.6
Atlantic Halibut	Round.....	-	-	N/A
	Gutted, head on.....	6.157	5.783	-6.1
American Plaice	Round.....	.706	.741	5.0
Greysole	Round.....	1.379	.601	-56.4
Winter Flounder	Round.....	.795	.820	3.1
Greenland Halibut	Round.....	1.708	1.746	2.2
	Gutted, head on.....	1.678	1.840	9.7
White Hake	Gutted, head on.....	.662	.660	-0.3
Catfish	Round.....	.275	.259	-5.8
	Gutted, head on.....	-	.364	N/A
PELAGIC AND ESTUARINE SPECIES				
Herring	Round.....	.155	.163	5.2
Mackerel	Round.....	.615	.568	-7.6
Smelts	Round.....	-	.803	N/A
MOLLUSC AND CRUSTACEAN				
Soft shell clam	In shell.....	-	2.204	N/A
Sea Scallops	In shell.....	.904	.993	9.8
	Meat.....	16.444	17.229	4.8
Winkles	In shell.....	.731	.714	-2.3
Lobsters	Round.....	10.228	10.257	0.3

TABLE 23

LANDING AVERAGE PRICE BY SPECIES ON THE GASPÉ PENINSULA

(Excluding supplementary purchase slips, value in dollars per kilogram)

SPECIES	LANDED FORM DESCRIPTION	1997	1998	VARIATION IN %
Shrimp	Round.....	1 807	1 584	-12.3
	Cooked in shell.....	2 819	3 220	14.2
Rock Crabs	Round.....	-	-	N/A
Snow Crabs	Round.....	3 707	2 663	-28.2

TABLE 24

LANDINGS ON THE NORTH-SHORE IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	517	461	612	555	18.4	20.4
Haddock.....	-	-	-	-	-	-
Redfish.....	9	5	26	9	188.9	80.0
Atlantic Halibut.....	9	62	30	167	233.3	169.4
American Plaice.....	6	5	14	12	133.3	140.0
Greysole.....	1	•	-	-	-100.0	N/A
Winter Flounder.....	4	2	7	4	75.0	100.0
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	398	722	692	1 077	73.9	49.2
White Hake.....	•	•	1	•	N/A	N/A
Catfish.....	-	-	-	-	-	-
Other groundfish.....	3	1	•	•	N/A	N/A
Total groundfish.....	947	1 259	1 382	1 822	45.9	44.7
Herring.....	234	82	253	100	8.1	22.0
Mackerel.....	2	1	1	1	-50.0	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	30	157	6	29	-80.0	-81.5
Smelts.....	-	-	•	•	N/A	N/A
Capelin.....	296	36	192	22	-35.1	-38.9
Other pelagic and estuarian species.....	1	•	2	1	100.0	N/A
Total pelagic and estuarian species.....	561	275	455	153	-18.9	-44.4
Soft Shell Clams.....	998	1 177	761	871	-23.7	-26.0
Quahogs Clams.....	•	•	•	•	N/A	N/A
Mussels.....	16	15	37	36	131.3	140.0
Sea Scallops.....	1 550	2 744	1 753	3 195	13.1	16.4
Winkles.....	883	683	698	488	-21.0	-28.6
Lobsters.....	131	1 430	94	938	-28.2	-34.4
Shrimp.....	874	1 652	1 896	2 873	116.9	73.9
Snow Crabs.....	4 885	16 100	4 857	13 375	-0.6	-16.9
Other mollusc and crustacean.....	132	73	251	173	90.2	137.0
Total mollusc and crustacean.....	9 470	23 875	10 347	21 949	9.3	-8.1
Other items.....	99	150	49	54	-50.5	-64.0
Total.....	11 077	25 558	12 233	23 977	10.4	-6.2

TABLE 24A

LANDINGS ON THE NORTH-SHORE BY VESSELS UNDER 35' IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	442	393	531	480	20.1	22.1
Haddock.....	-	-	-	-	-	-
Redfish.....	8	5	11	4	37.5	-20.0
Atlantic Halibut.....	3	20	7	48	133.3	140.0
American Plaice.....	3	3	5	5	66.7	66.7
Greysole.....	0	0	-	-	N/A	N/A
Winter Flounder.....	4	2	6	3	50.0	50.0
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	122	194	166	253	36.1	30.4
White Hake.....	0	0	0	0	N/A	N/A
Catfish.....	-	-	-	-	-	-
Other groundfish.....	2	1	0	0	N/A	N/A
Total groundfish.....	584	617	727	792	24.5	28.4
Herring.....	144	49	148	55	2.8	12.2
Mackerel.....	2	1	1	1	-50.0	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	30	157	6	29	-80.0	-81.5
Smelts.....	-	-	0	0	N/A	N/A
Capelin.....	292	35	192	22	-34.2	-37.1
Other pelagic and estuarian species.....	1	0	0	0	N/A	N/A
Total pelagic and estuarian species.....	468	242	348	107	-25.6	-55.8
Soft Shell Clams.....	973	1 146	761	871	-21.8	-24.0
Quahogs Clams.....	0	0	0	0	N/A	N/A
Mussels.....	16	15	37	36	131.3	140.0
Sea Scallops.....	225	493	228	470	1.3	-4.7
Winkles.....	516	398	481	321	-6.8	-19.3
Lobsters.....	70	727	55	527	-21.4	-27.5
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	508	1 629	450	1 269	-11.4	-22.1
Other mollusc and crustacean.....	50	26	169	120	238.0	361.5
Total mollusc and crustacean.....	2 359	4 434	2 181	3 616	-7.5	-18.4
Other items.....	94	140	47	51	-50.0	-63.6
Total.....	3 504	5 433	3 304	4 566	-5.7	-16.0

TABLE 24B

LANDINGS ON THE NORTH-SHORE BY VESSELS 35' TO 44'11" IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	60	53	73	68	21.7	28.3
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	3	1	N/A	N/A
Atlantic Halibut.....	1	9	17	89	N/A	N/A
American Plaice.....	3	2	7	6	133.3	200.0
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	1	1	N/A	N/A
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	165	271	378	585	129.1	115.9
White Hake.....	-	-	-	-	N/A	N/A
Catfish.....	-	-	-	-	-	-
Other groundfish.....	1	-	-	-	N/A	N/A
Total groundfish.....	230	336	479	748	108.3	122.6
Herring.....	87	32	87	37	-	15.6
Mackerel.....	-	-	-	-	-	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	N/A	N/A
Smelts.....	-	-	-	-	-	-
Capelin.....	4	-	-	-	-100.0	N/A
Other pelagic and estuarian species.....	-	-	2	-	N/A	N/A
Total pelagic and estuarian species.....	91	33	89	37	-2.2	12.1
Soft Shell Clams.....	-	-	-	-	-	-
Quahogs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	791	1 326	872	1 507	10.2	13.7
Winkles.....	314	243	192	150	-38.9	-38.3
Lobsters.....	61	703	39	411	-36.1	-41.5
Shrimp.....	-	-	11	16	N/A	N/A
Snow Crabs.....	2 916	9 499	3 060	8 218	4.9	-13.5
Other mollusc and crustacean.....	82	48	80	52	-2.4	8.3
Total mollusc and crustacean.....	4 165	11 819	4 255	10 353	2.2	-12.4
Other items.....	5	10	2	3	-60.0	-70.0
Total.....	4 492	12 198	4 825	11 141	7.4	-8.7

TABLE 24C

LANDINGS ON THE NORTH-SHORE BY VESSELS 45' TO 64'11" IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	16	15	8	7	-50.0	-53.3
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	12	4	N/A	N/A
Atlantic Halibut.....	5	33	5	30	-	-9.1
American Plaice.....	-	-	2	1	N/A	N/A
Greysole.....	1	-	-	-	-100.0	N/A
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	63	127	148	238	134.9	87.4
White Hake.....	-	-	-	-	N/A	N/A
Catfish.....	-	-	-	-	N/A	N/A
Other groundfish.....	-	-	-	-	N/A	N/A
Total groundfish.....	85	176	175	281	105.9	59.7
Herring.....	2	1	18	8	N/A	N/A
Mackerel.....	-	-	-	-	-	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	-	-	-	-	N/A	N/A
Total pelagic and estuarian species.....	2	1	18	8	N/A	N/A
Soft Shell Clams.....	25	30	-	-	-100.0	-100.0
Quahags Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	533	925	652	1 217	22.3	31.6
Winkles.....	53	41	25	17	-52.8	-58.5
Lobsters.....	-	-	-	-	-	-
Shrimp.....	874	1 652	1 885	2 857	115.7	72.9
Snow Crabs.....	1 460	4 972	1 346	3 888	-7.8	-21.8
Other mollusc and crustacean.....	-	-	2	1	N/A	N/A
Total mollusc and crustacean.....	2 946	7 621	3 911	7 980	32.8	4.7
Other items.....	-	-	-	-	N/A	N/A
Total.....	3 033	7 797	4 104	8 269	35.3	6.1

TABLE 24D

LANDINGS ON THE NORTH-SHORE BY VESSELS 65' AND OVER IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	-	-	-	-	-	-
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	-	-	-	-	-	-
American Plaice.....	-	-	-	-	-	-
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	48	131	-	-	-100.0	-100.0
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	-	-	-
Total groundfish.....	48	131	-	-	-100.0	-100.0
Herring.....	-	-	-	-	-	-
Mackerel.....	-	-	-	-	-	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	-	-	-	-	-	-
Total pelagic and estuarian species.....	-	-	-	-	-	-
Soft Shell Clams.....	-	-	-	-	-	-
Quahogs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	-	-	-	-	-	-
Winkles.....	-	-	-	-	-	-
Lobsters.....	-	-	-	-	-	-
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	-	-	-	-	-	-
Other mollusc and crustacean.....	-	-	-	-	-	-
Total mollusc and crustacean.....	-	-	-	-	-	-
Other items.....	-	-	-	-	-	-
Total.....	48	131	-	-	-100.0	-100.0

TABLE 24E

SUPPLEMENTARY PURCHASE SLIPS ON THE NORTH-SHORE IN 1997 AND 1998 (1)

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	7	8	8	9	14.3	12.5
Haddock.....	-	-	-	-	-	-
Redfish.....	8	5	10	3	25.0	-40.0
Atlantic Halibut.....	1	7	1	8	-	14.3
American Plaice.....	2	1	2	2	-	100.0
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	-	-	-
Total groundfish.....	18	20	22	22	22.2	10.0
Herring.....	5	2	7	3	40.0	50.0
Mackerel.....	2	1	1	1	-50.0	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	26	138	5	21	-80.8	-84.8
Smelts.....	-	-	-	-	N/A	N/A
Capelin.....	95	11	66	8	-30.5	-27.3
Other pelagic and estuarian species.....	-	-	-	-	-	-
Total pelagic and estuarian species.....	127	152	79	32	-37.8	-78.9
Soft Shell Clams.....	222	262	207	237	-6.8	-9.5
Quahags Clams.....	0	0	0	0	N/A	N/A
Mussels.....	16	15	37	36	131.3	140.0
Sea Scallops.....	8	126	4	67	-50.0	-46.8
Winkles.....	9	7	10	7	11.1	-
Lobsters.....	11	116	10	101	-9.1	-12.9
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	39	118	10	27	-74.4	-77.1
Other mollusc and crustacean.....	4	3	9	5	125.0	66.7
Total mollusc and crustacean.....	308	647	287	481	-6.8	-25.7
Other items.....	0	0	0	0	N/A	N/A
Total.....	454	819	388	535	-14.5	-34.7

(1) Refer to page XXXI for "Supplementary purchase slips" definition.

TABLE 24.1

MONTHLY LANDINGS ON THE NORTH-SHORE BY SPECIES,

1998 SEASON

(Quantity in rounded metric tons, live weight)

SPECIES	January	February	March	April	May	June
Cod.....	-	-	-	-	1	19
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	-	-	-	4	19	-
American Plaice.....	-	-	-	-	-	-
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	7
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	-	-	2	1
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	-	-	-
Total groundfish.....	-	-	-	4	21	26
Herring.....	-	-	-	22	81	81
Mackerel.....	-	-	-	-	-	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	14	20
Other pelagic and estuarine species.....	-	-	-	-	1	-
Total pelagic and estuarine species.....	-	-	-	22	96	101
Soft Shell Clams.....	-	-	25	111	195	155
Quahogs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	12	12	1
Sea Scallops.....	-	-	-	-	286	445
Winkles.....	-	-	-	20	171	104
Lobsters.....	-	-	-	-	16	47
Shrimp.....	-	-	-	202	374	277
Snow Crabs.....	-	-	9	1 219	1 400	1 350
Other mollusc and crustacean.....	-	-	-	-	-	-
Total mollusc and crustacean.....	-	-	34	1 564	2 455	2 379
Other items.....	6	16	5	1	17	3
Total.....	6	16	39	1 590	2 589	2 509

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 24.1

MONTHLY LANDINGS ON THE NORTH-SHORE BY SPECIES,

1998 SEASON

(Quantity in rounded metric tons, live weight)

July	August	September	October	November	December	Total
319	234	36	5	-	-	613
-	-	-	-	-	-	-
11	°	11	4	-	-	26
1	3	3	°	-	-	30
6	4	3	1	-	-	14
-	-	-	-	-	-	-
°	-	-	-	-	-	7
-	-	-	-	-	-	-
402	46	161	82	-	-	692
°	-	°	°	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
<u>739</u>	<u>287</u>	<u>213</u>	<u>91</u>	<u>-</u>	<u>-</u>	<u>1 381</u>
35	34	°	-	-	-	253
°	1	°	-	-	-	1
-	-	-	-	-	-	-
-	-	-	-	-	-	-
6	1	-	-	-	-	7
-	-	-	-	-	-	-
141	17	-	-	-	-	192
°	°	°	-	-	-	2
<u>182</u>	<u>53</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>455</u>
30	74	56	75	35	5	761
-	-	-	-	-	-	-
°	°	1	11	-	-	37
395	448	122	43	12	-	1 753
85	133	82	38	66	-	698
28	2	-	-	-	-	94
318	376	303	39	5	2	1 896
611	248	19	1	-	-	4 857
-	53	116	71	11	-	251
<u>1 467</u>	<u>1 334</u>	<u>699</u>	<u>278</u>	<u>129</u>	<u>7</u>	<u>10 347</u>
-	-	°	-	2	-	50
<u>2 388</u>	<u>1 674</u>	<u>912</u>	<u>370</u>	<u>131</u>	<u>7</u>	<u>12 233</u>

TABLE 24.1A

MONTHLY LANDINGS ON THE NORTH-SHORE BY SPECIES,

1998 SEASON

(Value in thousands of dollars)

SPECIES	January	February	March	April	May	June
Cod.....	-	-	-	-	1	16
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	-	-	-	23	109	3
American Plaice.....	-	-	-	-	-	°
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	4
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	-	-	2	1
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	-	-	-
Total groundfish.....	-	-	-	23	112	23
Herring.....	-	-	-	8	36	34
Mackerel.....	-	-	-	-	-	°
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	2	3
Other pelagic and estuarine species.....	-	-	-	-	1	°
Total pelagic and estuarine species.....	-	-	-	8	39	37
Soft Shell Clams.....	-	-	29	127	224	175
Quahogs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	12	12	°
Sea Scallops.....	-	-	-	-	539	864
Winkles.....	-	-	-	16	122	70
Lobsters.....	-	-	-	-	154	469
Shrimp.....	-	-	-	411	555	403
Snow Crabs.....	-	-	24	3 522	4 038	3 636
Other mollusc and crustacean.....	-	-	-	-	-	-
Total mollusc and crustacean.....	-	-	53	4 088	5 643	5 616
Other items.....	3	6	2	°	35	7
Total.....	3	6	55	4 119	5 828	5 683

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 24.1A

MONTHLY LANDINGS ON THE NORTH-SHORE BY SPECIES,

1998 SEASON

(Value in thousands of dollars)

July	August	September	October	November	December	Total
288	212	34	5	-	-	555
-	-	-	-	-	-	-
4	-	4	1	-	-	9
8	12	11	1	-	-	167
6	3	2	1	-	-	12
-	-	-	-	-	-	-
-	-	-	-	-	-	4
-	-	-	-	-	-	-
605	72	267	130	-	-	1 077
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	1	-	-	-	1
<hr/> 911	<hr/> 299	<hr/> 317	<hr/> 137	<hr/> -	<hr/> -	<hr/> 1 823
14	8	-	-	-	-	100
-	1	-	-	-	-	1
-	-	-	-	-	-	-
-	-	-	-	-	-	-
25	4	-	-	-	-	29
-	-	-	-	-	-	-
16	2	-	-	-	-	22
-	-	-	-	-	-	-
-	-	-	-	-	-	1
<hr/> 55	<hr/> 14	<hr/> -	<hr/> -	<hr/> -	<hr/> -	<hr/> 153
34	88	64	85	40	6	871
-	-	-	-	-	-	-
-	-	-	11	-	-	36
714	770	224	68	17	-	3 195
57	89	55	29	51	-	488
291	25	-	-	-	-	938
451	542	418	75	15	4	2 873
1 518	589	46	2	-	-	13 375
-	34	77	55	7	-	173
<hr/> 3 064	<hr/> 2 136	<hr/> 883	<hr/> 325	<hr/> 129	<hr/> 10	<hr/> 21 949
-	-	-	-	1	-	54
<hr/> 4 030	<hr/> 2 449	<hr/> 1 201	<hr/> 462	<hr/> 130	<hr/> 10	<hr/> 23 977

TABLE 25

LANDINGS, UPPER NORTH-SHORE, 1997 AND 1998

TADOUSSAC TO GALLIX

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	1	1	2	3	100.0	N/A
Haddock.....	-	-	-	-	-	-
Redfish.....	8	5	10	3	25.0	-40.0
Atlantic Halibut.....	3	21	11	71	266.7	238.1
American Plaice.....	2	2	7	7	250.0	250.0
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	203	326	342	518	68.5	58.9
White Hake.....	-	-	-	-	N/A	N/A
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	-	-	-
Total groundfish.....	217	356	372	602	71.4	69.1
Herring.....	174	58	81	36	-53.4	-37.9
Mackerel.....	1	-	1	-	-	N/A
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	N/A	N/A
Capelin.....	56	7	58	7	3.6	-
Other pelagic and estuarian species.....	-	-	1	-	N/A	N/A
Total pelagic and estuarian species.....	231	65	141	43	-39.0	-33.8
Soft Shell Clams.....	836	983	636	724	-23.9	-26.3
Quahaugs Clams.....	-	-	-	-	N/A	N/A
Mussels.....	6	6	14	13	133.3	116.7
Sea Scallops.....	9	20	63	88	N/A	340.0
Winkles.....	232	180	179	143	-22.8	-20.6
Lobsters.....	4	43	2	16	-50.0	-62.8
Shrimp.....	67	179	71	175	6.0	-2.2
Snow Crabs.....	616	2 073	657	1 817	6.7	-12.3
Other mollusc and crustacean.....	22	15	42	27	90.9	80.0
Total mollusc and crustacean.....	1 793	3 499	1 664	3 003	-7.2	-14.2
Other items.....	44	19	28	12	-36.4	-36.8
Total.....	2 285	3 939	2 205	3 660	-3.5	-7.1

TABLE 26

LANDINGS, MIDDLE NORTH-SHORE, 1997 AND 1998

SEPT-ILES TO POINTE-PARENT, INCLUDING ANTICOSTI ISLAND

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	3	3	9	9	200.0	200.0
Haddock.....	-	-	-	-	-	-
Redfish.....	°	°	5	2	N/A	N/A
Atlantic Halibut.....	1	8	6	37	N/A	362.5
American Plaice.....	3	3	5	4	66.7	33.3
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	1	1	7	4	N/A	300.0
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	72	115	215	346	198.6	200.9
White Hake.....	°	°	1	°	N/A	N/A
Catfish.....	-	-	-	-	-	-
Other groundfish.....	°	°	°	°	N/A	N/A
Total groundfish.....	81	129	248	402	206.2	211.6
Herring.....	30	15	94	43	213.3	186.7
Mackerel.....	°	°	-	-	N/A	N/A
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	°	2	-	-	N/A	-100.0
Smelts.....	-	-	-	-	-	-
Capelin.....	38	5	7	1	-81.6	-80.0
Other pelagic and estuarian species.....	1	°	°	°	N/A	N/A
Total pelagic and estuarian species.....	69	22	101	44	46.4	100.0
Soft Shell Clams.....	162	193	125	147	-22.8	-23.8
Quahags Clams.....	-	-	-	-	-	-
Mussels.....	9	9	23	22	155.6	144.4
Sea Scallops.....	1 373	2 396	1 377	2 487	0.3	3.8
Winkles.....	649	501	517	344	-20.3	-31.3
Lobsters.....	97	1 116	59	623	-39.2	-44.2
Shrimp.....	285	633	710	1 305	149.1	106.2
Snow Crabs.....	2 994	10 668	2 982	8 677	-0.4	-18.7
Other mollusc and crustacean.....	109	59	209	146	91.7	147.5
Total mollusc and crustacean.....	5 679	15 575	6 001	13 751	5.7	-11.7
Other items.....	29	32	1	°	-96.6	N/A
Total.....	5 857	15 757	6 351	14 197	8.4	-9.9

TABLE 27

LANDINGS, LOWER NORTH-SHORE, 1997 AND 1998

KEGASKA TO BLANC SABLON

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	513	457	601	543	17.2	18.8
Haddock.....	-	-	-	-	-	-
Redfish.....	°	°	11	4	N/A	N/A
Atlantic Halibut.....	5	34	13	58	160.0	70.6
American Plaice.....	°	°	2	1	N/A	N/A
Greysole.....	1	°	-	-	-100.0	N/A
Winter Flounder.....	4	2	°	°	N/A	N/A
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	122	281	135	212	10.7	-24.6
White Hake.....	-	-	°	°	N/A	N/A
Catfish.....	-	-	-	-	-	-
Other groundfish.....	3	1	°	°	N/A	N/A
Total groundfish.....	649	775	762	818	17.4	5.5
Herring.....	30	8	78	21	160.0	162.5
Mackerel.....	°	°	1	°	N/A	N/A
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	30	156	6	29	-80.0	-81.4
Smelts.....	-	-	-	-	-	-
Capelin.....	202	24	128	15	-36.6	-37.5
Other pelagic and estuarine species.....	-	-	1	1	N/A	N/A
Total pelagic and estuarine species.....	262	189	214	66	-18.3	-65.1
Soft Shell Clams.....	1	1	1	1	-	-
Quahags Clams.....	°	-	-	-	-	-
Mussels.....	°	°	°	°	N/A	N/A
Sea Scallops.....	168	328	313	619	86.3	88.7
Winkles.....	2	2	2	2	-	-
Lobsters.....	30	271	33	298	10.0	10.0
Shrimp.....	522	840	1 115	1 393	113.6	65.8
Snow Crabs.....	1 275	3 359	1 218	2 881	-4.5	-14.2
Other mollusc and crustacean.....	-	-	-	-	-	-
Total mollusc and crustacean.....	1 998	4 801	2 682	5 194	34.2	8.2
Other items.....	26	99	19	42	-26.9	-57.6
Total.....	2 935	5 863	3 677	6 120	25.3	4.4

TABLE 28

LANDING AVERAGE PRICE BY SPECIES ON THE NORTH-SHORE

(Excluding supplementary purchase slips, value in dollars per kilogram)

SPECIES	LANDED FORM DESCRIPTION	1997	1998	VARIATION IN %
GROUND FISH				
Cod	Gutted, head on.....	1.063	1.085	2.1
Redfish	Round.....	.572	.333	-41.8
Atlantic Halibut	Gutted, head on.....	7.966	7.430	-6.7
	Gutted, head off.....	-	7.077	N/A
American Plaice	Round.....	.929	.857	-7.8
Greysole	Round.....	-	-	N/A
Winter Flounder	Round.....	.518	.548	5.8
Greenland Halibut	Round.....	1.981	-	N/A
	Gutted, head on.....	1.970	1.712	-13.1
White Hake	Round.....	-	.654	N/A
	Gutted, head on.....	-	.487	N/A
PELAGIC AND ESTUARINE SPECIES				
Herring	Round.....	.350	.395	12.9
Mackerel	Round.....	-	.551	N/A
Salmon	Gutted, head on.....	5.789	5.075	-12.3
Capelin	Round.....	.120	.116	-3.3
MOLLUSC AND CRUSTACEAN				
Soft Shell Clams	In shell.....	1.178	1.144	-2.9
Sea Scallops	In shell.....	1.531	1.381	-9.8
	Meat.....	15.715	16.213	3.2
Winkles	In shell.....	.772	.698	-9.6
Lobsters	Round.....	10.890	9.986	-8.3
Shrimp	Round.....	1.758	1.473	-16.2
	Cooked in shell.....	3.082	3.093	0.4
Snow Crabs	Round.....	3.298	2.754	-16.5

TABLE 29

LANDINGS IN THE MAGDALEN ISLANDS IN 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	196	142	324	287	65.3	102.1
Haddock.....	°	°	°	°	N/A	N/A
Redfish.....	-	-	102	118	N/A	N/A
Atlantic Halibut.....	6	38	16	87	166.7	128.9
American Plaice.....	243	226	97	82	-60.1	-63.7
Greysole.....	1	2	11	11	N/A	N/A
Winter Flounder.....	72	40	63	41	-12.5	2.5
Unspecified Flounders.....	-	-	29	19	N/A	N/A
Greenland Halibut.....	-	-	°	°	N/A	N/A
White Hake.....	°	°	3	1	N/A	N/A
Catfish.....	°	°	-	-	N/A	N/A
Other groundfish.....	799	474	195	111	-75.6	-76.6
Total groundfish.....	1 318	921	839	757	-36.3	-17.8
Herring.....	1 962	328	3 727	638	90.0	94.5
Mackerel.....	5 227	2 288	3 250	1 599	-37.8	-30.1
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	13	6	13	10	-	66.7
Capelin.....	2	°	-	-	-100.0	N/A
Other pelagic and estuarian species.....	14	3	45	17	221.4	466.7
Total pelagic and estuarian species.....	7 218	2 625	7 036	2 264	-2.5	-13.8
Soft Shell Clams.....	5	9	4	5	-20.0	-44.4
Quahogs Clams.....	34	42	59	73	73.5	73.8
Mussels.....	6	12	24	50	300.0	316.7
Sea Scallops.....	326	801	355	881	8.9	10.0
Winkles.....	5	3	-	-	-100.0	-100.0
Lobsters.....	1 922	19 889	1 926	18 003	0.2	-9.5
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	1 189	5 855	943	3 169	-20.7	-45.9
Other mollusc and crustacean.....	536	301	640	394	19.4	30.9
Total mollusc and crustacean.....	4 021	26 913	3 951	22 574	-1.7	-16.1
Other items.....	240	489	443	217	84.6	-55.6
Total.....	12 796	30 948	12 269	25 812	-4.1	-16.6

TABLE 29A

LANDINGS IN THE MAGDALEN ISLANDS BY VESSELS UNDER 35' - 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	26	21	80	72	207.7	242.9
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	5	33	11	62	120.0	87.9
American Plaice.....	5	5	-	-	N/A	N/A
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	27	15	55	36	103.7	140.0
Unspecified Flounders.....	-	-	24	16	N/A	N/A
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	-	-	-	-	N/A	N/A
Catfish.....	-	-	-	-	N/A	N/A
Other groundfish.....	10	6	24	15	140.0	150.0
Total groundfish.....	74	80	194	201	162.2	151.3
Herring.....	1 031	172	1 792	306	73.8	77.9
Mackerel.....	3 070	1 344	1 511	761	-50.8	-43.4
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	13	6	13	10	-	66.7
Capelin.....	2	-	-	-	-100.0	N/A
Other pelagic and estuarian species.....	14	3	32	13	128.6	333.3
Total pelagic and estuarian species.....	4 131	1 525	3 348	1 090	-19.0	-28.5
Soft Shell Clams.....	5	9	4	5	-20.0	-44.4
Quahags Clams.....	34	42	59	73	73.5	73.8
Mussels.....	6	12	24	50	300.0	316.7
Sea Scallops.....	4	63	-	-	-100.0	-100.0
Winkles.....	5	3	-	-	-100.0	-100.0
Lobsters.....	991	10 251	908	8 497	-8.4	-17.1
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	11	56	-	-	-100.0	-100.0
Other mollusc and crustacean.....	431	252	474	310	10.0	23.0
Total mollusc and crustacean.....	1 485	10 690	1 470	8 934	-1.0	-16.4
Other items.....	51	199	78	38	52.9	-80.9
Total.....	5 741	12 494	5 090	10 263	-11.3	-17.9

TABLE 29B

LANDINGS IN THE MAGDALEN ISLANDS BY VESSELS 35' TO 44'11" - 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	106	75	137	120	29.2	60.0
Haddock.....	-	-	-	-	N/A	N/A
Redfish.....	-	-	14	16	N/A	N/A
Atlantic Halibut.....	1	5	5	23	400.0	360.0
American Plaice.....	97	86	59	48	-39.2	-44.2
Greysole.....	1	1	1	1	-	-
Winter Flounder.....	18	10	6	3	-66.7	-70.0
Unspecified Flounders.....	-	-	5	3	N/A	N/A
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	-	-	-	-	N/A	N/A
Catfish.....	-	-	-	-	-	-
Other groundfish.....	586	338	162	89	-72.4	-73.7
Total groundfish.....	809	514	389	304	-51.9	-40.9
Herring.....	931	156	1 935	332	107.8	112.8
Mackerel.....	2 154	943	1 708	821	-20.7	-12.9
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	-	-	14	5	N/A	N/A
Total pelagic and estuarian species.....	3 085	1 099	3 657	1 158	18.5	5.4
Soft Shell Clams.....	-	-	-	-	-	-
Quahaugs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	272	622	276	685	1.5	10.1
Winkles.....	-	-	-	-	-	-
Lobsters.....	926	9 581	1 004	9 378	8.4	-2.1
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	234	1 159	146	490	-37.6	-57.7
Other mollusc and crustacean.....	43	21	107	58	148.8	176.2
Total mollusc and crustacean.....	1 474	11 383	1 533	10 611	4.0	-6.8
Other items.....	38	67	210	104	452.6	55.2
Total.....	5 406	13 064	5 789	12 177	7.1	-6.8

TABLE 29C

LANDINGS IN THE MAGDALEN ISLANDS BY VESSELS 45' TO 64'11" - 1997 AND 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	64	47	107	96	67.2	104.3
Haddock.....	-	-	0	0	N/A	N/A
Redfish.....	-	-	87	102	N/A	N/A
Atlantic Halibut.....	0	1	0	1	N/A	-
American Plaice.....	140	134	38	34	-72.9	-74.6
Greysole.....	1	1	10	11	N/A	N/A
Winter Flounder.....	26	15	2	1	-92.3	-93.3
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	0	0	N/A	N/A
White Hake.....	-	-	3	1	N/A	N/A
Catfish.....	-	-	-	-	-	-
Other groundfish.....	203	130	10	7	-95.1	-94.6
Total groundfish.....	434	327	257	252	-40.8	-22.9
Herring.....	-	-	-	-	-	-
Mackerel.....	2	1	31	17	N/A	N/A
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	-	-	0	0	N/A	N/A
Total pelagic and estuarian species.....	2	1	31	17	N/A	N/A
Soft Shell Clams.....	-	-	-	-	-	-
Quahogs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	51	116	79	197	54.9	69.8
Winkles.....	-	-	-	-	-	-
Lobsters.....	6	57	14	128	133.3	124.6
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	944	4 640	797	2 679	-15.6	-42.3
Other mollusc and crustacean.....	62	27	59	26	-4.8	-3.7
Total mollusc and crustacean.....	1 062	4 840	948	3 029	-10.7	-37.4
Other items.....	150	222	155	75	3.3	-66.2
Total.....	1 650	5 390	1 391	3 373	-15.7	-37.4

TABLE 29D

**LANDINGS IN THE MAGDALEN ISLANDS BY VESSELS
65' AND OVER - 1997 AND 1998**

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	-	-	-	-	-	-
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	-	-	-	-	-	-
American Plaice.....	-	-	-	-	-	-
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	-	-	-
Total groundfish.....	-	-	-	-	-	-
Herring.....	-	-	-	-	-	-
Mackerel.....	-	-	-	-	-	-
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	-	-	-	-	-	-
Total pelagic and estuarian species.....	-	-	-	-	-	-
Soft Shell Clams.....	-	-	-	-	-	-
Quahaugs Clams.....	-	-	-	-	-	-
Mussels.....	-	-	-	-	-	-
Sea Scallops.....	-	-	-	-	-	-
Winkles.....	-	-	-	-	-	-
Lobsters.....	-	-	-	-	-	-
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	-	-	-	-	-	-
Other mollusc and crustacean.....	-	-	-	-	-	-
Total mollusc and crustacean.....	-	-	-	-	-	-
Other items.....	-	-	-	-	-	-
Total.....	-	-	-	-	-	-

TABLE 29E

SUPPLEMENTARY PURCHASE SLIPS IN THE MAGDALEN ISLANDS IN 1997 AND 1998 (1)

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	10	8	52	46	420.0	475.0
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	3	19	2	13	-33.3	-31.6
American Plaice.....	4	4	-	-	-100.0	-100.0
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	-	-	-
Unspecified Flounders.....	-	-	-	-	-	-
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	10	6	-	-	-100.0	-100.0
Total groundfish.....	26	38	54	59	107.7	55.3
Herring.....	230	38	612	105	166.1	176.3
Mackerel.....	245	114	283	155	15.5	36.0
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	13	6	13	10	-	66.7
Capelin.....	2	-	-	-	-100.0	N/A
Other pelagic and estuarian species.....	-	-	-	-	-	-
Total pelagic and estuarian species.....	491	158	908	271	84.9	71.5
Soft Shell Clams.....	5	9	4	5	-20.0	-44.4
Quahaugs Clams.....	34	42	59	73	73.5	73.8
Mussels.....	6	12	24	50	300.0	316.7
Sea Scallops.....	4	63	-	-	-100.0	-100.0
Winkles.....	5	3	-	-	-100.0	-100.0
Lobsters.....	41	420	22	209	-48.3	-50.2
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	-	-	-	-	-	-
Other mollusc and crustacean.....	5	2	1	1	-80.0	-50.0
Total mollusc and crustacean.....	98	553	111	336	13.3	-39.2
Other items.....	4	8	-	-	-100.0	-100.0
Total.....	619	757	1 073	666	73.3	-12.0

(1) Refer to page XXXI for "Supplementary purchase slips" definition.

TABLE 29.1

MONTHLY LANDINGS IN THE MAGDALEN ISLANDS BY SPECIES,

1998 SEASON

(Quantity in rounded metric tons, live weight)

SPECIES	January	February	March	April	May	June
Cod.....	-	-	-	*	7	12
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	-	-	-	-	-	-
American Plaice.....	-	-	-	-	-	-
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	*	39	17
Unspecified Flounders.....	-	-	-	-	14	16
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	3	71	61
Total groundfish.....	-	-	-	3	129	105
Herring.....	-	-	-	2 200	57	19
Mackerel.....	-	-	-	-	-	310
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarine species.....	-	-	-	-	-	-
Total pelagic and estuarine species.....	-	-	-	2 200	57	329
Soft Shell Clams.....	-	-	-	-	*	1
Quahaugs Clams.....	-	-	-	5	-	5
Mussels.....	1	1	1	2	2	5
Sea Scallops.....	-	-	-	57	86	57
Winkles.....	-	-	-	-	-	-
Lobsters.....	-	-	-	-	1 388	504
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	-	-	-	-	673	261
Other mollusc and crustacean.....	-	-	-	-	1	32
Total mollusc and crustacean.....	1	1	1	64	2 149	863
Other items.....	-	49	-	391	-	-
Total.....	1	50	1	2 657	2 334	1 298

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 29.1

MONTHLY LANDINGS IN THE MAGDALEN ISLANDS BY SPECIES,

1998 SEASON

(Quantity in rounded metric tons, live weight)

July	August	September	October	November	December	Total
23	75	84	40	31	53	324
-	-	-	-	-	-	-
72	30	-	-	-	-	102
1	13	2	-	-	-	16
4	24	28	40	-	-	97
-	-	-	10	-	-	11
-	4	2	-	-	-	63
-	-	-	-	-	-	29
-	-	-	-	-	-	-
1	2	-	-	-	-	3
-	-	-	-	-	-	-
2	28	28	3	-	-	196
<hr/> 102	<hr/> 176	<hr/> 145	<hr/> 93	<hr/> 31	<hr/> 53	<hr/> 839
-	13	1 437	-	2	-	3 727
591	608	1 094	647	-	-	3 250
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	13	13
-	-	-	-	-	-	-
-	-	23	22	-	-	45
<hr/> 591	<hr/> 621	<hr/> 2 554	<hr/> 869	<hr/> 2	<hr/> 13	<hr/> 7 035
1	1	-	-	-	-	4
16	14	7	5	5	5	59
5	5	2	1	1	1	24
105	50	1	-	-	-	355
-	-	-	-	-	-	-
34	-	-	-	-	-	1 926
-	-	-	-	-	-	-
10	-	-	-	-	-	943
3	245	253	96	12	-	641
<hr/> 173	<hr/> 314	<hr/> 263	<hr/> 101	<hr/> 18	<hr/> 5	<hr/> 3 952
2	1	-	-	-	-	443
<hr/> 869	<hr/> 1 111	<hr/> 2 962	<hr/> 863	<hr/> 50	<hr/> 72	<hr/> 12 269

TABLE 29.1A

MONTHLY LANDINGS IN THE MAGDALEN ISLANDS BY SPECIES,

1998 SEASON

(Value in thousands of dollars)

SPECIES	January	February	March	April	May	June
Cod.....	-	-	-	°	6	10
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	-	-	-	-	-	-
American Plaice.....	-	-	-	-	°	°
Greysole.....	-	-	-	-	-	-
Winter Flounder.....	-	-	-	°	25	11
Unspecified Flounders.....	-	-	-	-	9	10
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	-	-	-	-	-	-
Catfish.....	-	-	-	-	-	-
Other groundfish.....	-	-	-	2	41	34
Total groundfish.....	-	-	-	2	81	65
Herring.....	-	-	-	371	10	4
Mackerel.....	-	-	-	-	-	148
Bluefin Tuna.....	-	-	-	-	-	-
Eels.....	-	-	-	-	-	-
Salmon.....	-	-	-	-	-	-
Smelts.....	-	-	-	-	-	-
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	-	-	-	-	-	-
Total pelagic and estuarian species.....	-	-	-	371	10	152
Soft Shell Clams.....	-	-	-	-	1	1
Quahags Clams.....	-	-	-	6	-	6
Mussels.....	1	1	1	5	5	9
Sea Scallops.....	-	-	-	142	210	144
Winkles.....	-	-	-	-	-	-
Lobsters.....	-	-	-	-	12 874	4 765
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	-	-	-	-	2 265	872
Other mollusc and crustacean.....	-	-	-	-	°	15
Total mollusc and crustacean.....	1	1	1	152	15 354	5 812
Other items.....	-	24	-	190	-	-
Total.....	1	25	1	715	15 445	6 030

N.B. : The minor differences are caused by the rounding factors used at the time of calculation.

TABLE 29.1A

MONTHLY LANDINGS IN THE MAGDALEN ISLANDS BY SPECIES,

1998 SEASON

(Value in thousands of dollars)

July	August	September	October	November	December	Total
17	68	76	37	27	47	287
-	*	-	-	-	-	-
83	35	-	-	-	-	118
2	73	11	1	-	-	87
4	22	23	33	*	-	82
-	-	*	11	-	-	11
*	3	1	*	-	-	41
-	-	-	-	-	-	19
*	-	-	-	-	-	-
*	1	-	-	-	-	1
-	-	-	-	-	-	-
1	15	16	2	-	-	111
<u>107</u>	<u>216</u>	<u>128</u>	<u>84</u>	<u>27</u>	<u>47</u>	<u>757</u>
-	2	250	-	*	-	638
295	298	535	323	-	-	1 599
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	10	10
-	-	-	-	-	-	-
-	-	8	9	-	-	17
<u>295</u>	<u>300</u>	<u>794</u>	<u>332</u>	<u>-</u>	<u>10</u>	<u>2 264</u>
2	1	*	*	-	-	8
20	17	8	6	6	6	73
9	9	5	2	2	2	50
261	123	1	-	-	-	881
-	-	-	-	-	-	-
364	-	-	-	-	-	18 003
-	-	-	-	-	-	-
32	-	-	-	-	-	3 169
2	143	163	63	8	-	393
<u>689</u>	<u>293</u>	<u>178</u>	<u>70</u>	<u>15</u>	<u>7</u>	<u>22 573</u>
2	1	-	-	-	-	217
<u>1 092</u>	<u>809</u>	<u>1 099</u>	<u>486</u>	<u>43</u>	<u>65</u>	<u>25 812</u>

TABLE 30

LANDING AVERAGE PRICE BY SPECIES IN THE MAGDALEN ISLANDS

(Excluding supplementary purchase slips, value in dollars per kilogram)

SPECIES	LANDED FORM DESCRIPTION	1997	1998	VARIATION IN %
GROUND FISH				
Cod	Round.....	.566	.878	55.1
	Gutted, head on.....	.881	1.097	24.5
Redfish	Round.....	-	1.168	N/A
Atlantic Halibut	Round.....	-	-	N/A
	Gutted, head on.....	6.593	6.254	-5.1
American Plaice	Round.....	.936	.855	-8.7
Greysole	Round.....	1.212	1.074	-11.4
Winter Flounder	Round.....	.554	.648	17.0
Greenland Halibut	Round.....	-	.991	N/A
Unsp. Flounders	Round.....	-	.660	N/A
PELAGIC AND ESTUARINE SPECIES				
Herring	Round.....	.167	.171	2.4
Mackerel	Round.....	.439	.549	25.1
	Gutted, head off.....	.467	.502	7.5
MOLLUSC AND CRUSTACEAN				
Soft Shell Clams	In shell.....	-	-	N/A
Sea Scallops	In shell.....	6.614	-	N/A
	Meat and gonads.....	-	16.537	N/A
	Meat.....	18.739	20.568	9.8
Lobsters	Round.....	10.351	9.347	-9.7
Rock Crabs	Round.....	-	-	N/A
Snow Crabs	Round.....	4.925	3.361	-31.8

1998 Landings

St Lawrence

The St Lawrence sector is distinguished by a low level of marine fishing activity. Landings in 1998 for the sector between Anse à Gilles and Cap à l'Original on the south shore and between Cap Tourmente and Baie Sainte Catherine on the north shore represented 284 mt. In 1998, the volume fished in the St Lawrence sector totalled 0.55% of the volume landed in Quebec, while the value, of slightly above \$0.8 million, accounted for 0.81%. Landings have decreased 28% in weight and 21% in value since 1997.

In 1998, 68 fishermen (down 25% over 1997) and 31 boats were fishing in the St Lawrence sector. There were also 4 seafood buyers in the sector.

To abide by confidentiality regulations, DFO cannot divulge all the information concerning landings in this sector, because of the small number of players in the marine fishery and the small catches.

1998 Landings

Northern Quebec

In 1998, total catches in Hudson Strait amounted to a little over 4.3 mt, for a value of \$11,292. So far, the only species fished commercially in Northern Quebec has been scallop.

In 1997, slightly more than 4.6 mt of scallops were taken, for a value of approximately \$12,209.

***LANDINGS AND
WORK FORCE
ATLANTIC COAST***

TABLE 31

LANDINGS IN NEW BRUNSWICK

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	961	1 310	897	1 167	-6.7	-10.9
Haddock.....	110	218	85	172	-22.7	-21.1
Redfish.....	22	5	0	0	-100.0	-100.0
Atlantic Halibut.....	17	111	23	143	35.3	28.8
Plaice.....	470	390	222	228	-52.8	-41.5
Greenland Halibut.....	29	60	13	29	-55.2	-51.7
White Hake.....	1 191	766	36	37	-97.0	-95.2
Catfish.....	2	1	0	0	-100.0	-100.0
Other groundfish.....	570	524	472	488	-17.2	-6.9
Total groundfish.....	3 372	3 386	1 748	2 263	-48.2	-33.2
Herring.....	66 807	11 410	69 061	11 138	3.4	-2.4
Mackerel.....	2 014	1 107	1 761	889	-12.6	-19.7
Bluefin Tuna.....	3	59	-	-	-100.0	-100.0
Eels.....	147	1 158	137	607	-6.8	-47.6
Salmon.....	-	-	-	-	-	-
Smelts.....	698	716	807	835	15.6	16.6
Capelin.....	7	1	776	77	N/A	N/A
Other pelagic and estuarian species.....	4 288	1 534	5 419	1 298	26.4	-15.4
Total pelagic and estuarian species.....	73 964	15 986	77 961	14 845	5.4	-7.1
Quahaugs and Clams.....	1 004	2 010	1 522	2 745	51.6	36.6
Sea Scallops.....	2 513	5 597	2 913	6 894	15.9	23.2
Lobsters.....	7 281	65 145	7 835	75 197	7.6	15.4
Shrimp.....	3 903	5 637	4 758	6 986	21.9	23.9
Snow Crabs.....	8 956	41 771	6 718	26 515	-25.0	-36.5
Other mollusc and crustacean.....	4 480	6 699	2 427	2 877	-45.8	-57.1
Total mollusc and crustacean.....	28 138	126 858	26 174	121 214	-7.0	-4.4
Other items.....	5 471	921	8 793	4 926	60.7	434.9
Total.....	110 945	147 151	114 677	143 249	3.4	-2.7

N.B. : The quantities and value of New Brunswick are preliminaries.

TABLE 32

LANDINGS IN NOVA SCOTIA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	14 775	21 248	11 873	18 504	-19.6	-12.9
Haddock.....	9 407	14 687	11 438	20 325	21.6	38.4
Redfish.....	12 292	7 439	15 349	9 269	24.9	24.6
Atlantic Halibut.....	883	6 634	824	6 063	-6.7	-8.6
Plaice.....	6 737	10 669	6 439	9 639	-4.4	-9.7
Greenland Halibut.....	655	1 716	1 256	3 956	91.8	130.5
White Hake.....	18 998	13 056	19 317	15 211	1.7	16.5
Catfish.....	613	280	319	145	-48.0	-48.2
Other groundfish.....	15 360	12 956	16 984	14 853	10.6	14.6
Total groundfish.....	79 719	88 686	83 800	97 967	5.1	10.5
Herring.....	77 083	10 216	76 403	10 761	-0.9	5.3
Mackerel.....	5 666	3 022	4 562	2 069	-19.5	-31.5
Bluefin Tuna.....	747	12 397	726	10 727	-2.8	-13.5
Eels.....	81	2 129	90	718	11.1	-66.3
Salmon.....	-	-	-	-	-	-
Smelts.....	16	43	28	77	75.0	79.1
Capelin.....	-	-	23	5	N/A	N/A
Other pelagic and estuarine species.....	6 381	12 756	5 225	10 167	-18.1	-20.3
Total pelagic and estuarine species.....	89 975	40 563	87 057	34 522	-3.2	-14.9
Quahaugs and Clams.....	10 450	9 167	9 569	8 633	-8.4	-5.8
Sea Scallops.....	47 034	66 706	48 793	68 881	3.7	3.3
Lobsters.....	18 931	211 341	18 959	232 491	0.1	10.0
Shrimp.....	20 853	58 957	23 946	72 478	14.8	22.9
Snow Crabs.....	4 117	21 152	4 910	15 652	19.3	-26.0
Other mollusc and crustacean.....	7 584	13 517	4 615	7 816	-39.1	-42.2
Total mollusc and crustacean.....	108 969	380 839	110 793	405 952	1.7	6.6
Other items.....	21 177	1 724	16 101	3 557	-24.0	106.3
Total.....	299 839	511 812	297 752	541 997	-0.7	5.9

N.B. : The quantities and values of Nova Scotia are preliminaries.

TABLE 33

LANDINGS IN NEWFOUNDLAND

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	12 317	10 893	22 586	34 382	83.4	215.6
Haddock.....	259	244	249	232	-3.9	-4.9
Redfish.....	6 410	2 814	10 235	4 917	59.7	74.7
Atlantic Halibut.....	311	1 563	279	1 501	-10.3	-4.0
Plaice.....	1 505	923	6 000	2 939	298.7	218.4
Greenland Halibut.....	13 569	15 090	7 744	14 005	-42.9	-7.2
White Hake.....	319	199	614	425	92.5	113.6
Catfish.....	236	50	207	57	-12.3	14.0
Other groundfish.....	1 544	886	3 661	1 737	137.1	96.0
Total groundfish.....	36 472	32 663	51 575	60 195	41.4	84.3
Herring.....	21 049	3 220	22 251	3 380	5.7	5.0
Mackerel.....	1 155	232	2 309	840	99.9	262.1
Bluefin Tuna.....	32	397	38	416	18.8	4.8
Eels.....	72	446	73	415	1.4	-7.0
Salmon.....	48	293	-	-	-100.0	-100.0
Smelts.....	7	5	5	5	-28.6	-
Capelin.....	21 455	6 345	38 232	9 103	78.2	43.5
Other pelagic and estuarian species.....	3 070	1 703	274	840	-91.1	-50.7
Total pelagic and estuarian species.....	46 887	12 640	63 183	14 999	34.8	18.7
Quahaugs and Clams.....	18 028	14 093	17 445	13 215	-3.2	-6.2
Sea Scallops.....	12 154	19 131	6 908	11 175	-43.2	-41.6
Lobsters.....	2 178	22 644	2 365	18 986	8.6	-16.2
Shrimp.....	39 174	108 239	59 025	126 401	50.7	16.8
Snow Crabs.....	45 789	91 753	52 642	101 918	15.0	11.1
Other mollusc and crustacean.....	13 990	4 685	2 332	1 837	-83.3	-60.8
Total mollusc and crustacean.....	131 313	260 546	140 716	273 531	7.2	5.0
Other items.....	3 242	12 966	2 279	4 709	-29.7	-63.7
Total.....	217 914	318 815	257 753	353 434	18.3	10.9

N.B. : The quantities and values of Newfoundland are preliminaries.

TABLE 34

LANDINGS IN PRINCE EDWARD ISLAND

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	264	240	268	316	1.5	31.7
Haddock.....	-	-	-	-	-	-
Redfish.....	-	-	-	-	-	-
Atlantic Halibut.....	0	2	1	5	N/A	150.0
Plaice.....	809	735	508	447	-37.2	-39.2
Greenland Halibut.....	-	-	-	-	-	-
White Hake.....	42	35	44	45	4.8	28.6
Catfish.....	0	0	0	0	N/A	N/A
Other groundfish.....	9	2	21	5	133.3	150.0
Total groundfish.....	1 124	1 014	840	818	-25.3	-19.3
Herring.....	15 855	2 799	16 777	2 782	5.8	-0.6
Mackerel.....	6 693	3 898	6 784	3 974	1.4	1.9
Bluefin Tuna.....	22	389	42	398	90.9	2.3
Eels.....	44	241	34	147	-22.7	-39.0
Salmon.....	-	-	-	-	-	-
Smelts.....	162	260	266	388	64.2	49.2
Capelin.....	-	-	-	-	-	-
Other pelagic and estuarian species.....	395	175	354	174	-10.4	-0.6
Total pelagic and estuarian species.....	23 170	7 763	24 257	7 863	4.7	1.3
Quahogs and Clams.....	1 596	3 112	1 211	3 110	-24.1	-0.1
Sea Scallops.....	1 773	4 209	1 431	3 272	-19.3	-22.3
Lobsters.....	8 096	73 823	8 500	81 173	5.0	10.0
Shrimp.....	-	-	-	-	-	-
Snow Crabs.....	1 115	5 419	612	2 415	-45.1	-55.4
Other mollusc and crustacean.....	13 050	15 870	15 142	19 028	16.0	19.9
Total mollusc and crustacean.....	25 630	102 433	26 895	108 999	4.9	6.4
Other items.....	8 152	1 457	5 678	1 106	-30.3	-24.1
Total.....	58 077	112 667	57 671	118 788	-0.7	5.4

N.B. : The quantities and value of Prince Edward Island are preliminaries.

TABLE 35

LANDINGS ON THE ATLANTIC COAST

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1997		1998		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	29 898	35 248	37 716	56 327	26.1	59.8
Haddock.....	9 776	15 150	11 772	20 729	20.4	36.8
Redfish.....	18 752	10 273	25 764	14 337	37.4	39.6
Atlantic Halibut.....	1 362	9 138	1 303	8 628	-4.3	-5.6
Plaice.....	10 816	13 600	13 530	13 523	25.1	-0.6
Greenland Halibut.....	16 400	20 306	12 241	23 341	-25.4	14.9
White Hake.....	20 559	14 062	20 036	15 731	-2.5	11.9
Catfish.....	856	333	528	202	-38.3	-39.3
Other groundfish.....	17 498	14 372	21 346	17 200	22.0	19.7
Total groundfish.....	125 916	132 480	144 235	170 017	14.5	28.3
Herring.....	186 545	28 620	190 511	29 132	2.1	1.8
Mackerel.....	21 297	10 881	19 482	9 835	-8.5	-9.6
Bluefin Tuna.....	803	13 241	806	11 541	0.4	-12.8
Eels.....	455	4 709	491	2 588	7.9	-45.0
Salmon.....	77	451	7	29	-90.9	-93.6
Smelts.....	1 226	1 183	1 245	1 416	1.5	19.7
Capelin.....	21 945	6 405	39 290	9 216	79.0	43.9
Other pelagic and estuarine species.....	14 265	16 735	11 397	12 890	-20.1	-23.0
Total pelagic and estuarine species.....	246 614	82 225	263 228	76 645	6.7	-6.8
Quahaugs and Clams.....	32 130	29 628	30 606	28 727	-4.7	-3.0
Sea Scallops.....	65 806	100 010	62 756	95 163	-4.6	-4.8
Lobsters.....	39 313	402 186	40 709	437 338	3.6	8.7
Shrimp.....	76 904	195 993	102 833	229 678	33.7	17.2
Snow Crabs.....	71 414	201 927	75 226	175 147	5.3	-13.3
Other mollusc and crustacean (1).....	41 590	42 726	26 890	33 232	-35.3	-22.2
Total mollusc and crustacean.....	327 157	972 470	339 019	999 286	3.6	2.8
Other items (1).....	38 316	17 469	33 349	14 576	-13.0	-16.6
Total.....	738 004	1 204 643	779 833	1 260 523	5.7	4.6

N.B. :The quantities and values of Atlantic Coast are preliminaries.

(1.) In order to standardize the data from all administrative regions, the landings and values of Sea Urchins from Laurentian region are recorded with mollusc but not with other items like it is the case in the table 11.

TABLE 36

NUMBER OF COMMERCIAL FISHERMEN ON THE ATLANTIC COAST

IN 1997 AND 1998, BY PROVINCE AND FISHERMEN CATEGORY

(Preliminary data)

CATEGORY (1)

STATE	YEAR	Core	Var. in %	Non core and Fishermen helper	Var. in %	Others (2)	Var. in %	TOTAL	Var. in %
NOVA SCOTIA	1997	4 274		8 839		8		13 121	
			-4		-1		-50		-2
	1998	4 119		8 746		4		12 869	
NEW BRUNSWICK	1997	2 744		3 041		43		5 828	
			-1		-6		-19		-4
	1998	2 707		2 865		35		5 607	
PRINCE EDWARD ISLAND	1997	2 193		1 824		7		3 824	
			-		-5		-86		-2
	1998	2 193		1 535		1		3 729	
NEWFOUNDLAND	1997	5 382		5 744		-		11 126	
			2		53		-		28
	1998	5 486		8 778		-		14 262	
QUEBEC	1997	1 208		3 030		16		4 254	
			1		-5		-6		-3
	1998	1 221		2 887		15		4 123	
TOTAL	1997	15 801		22 278		74		38 153	
			*		11		-26		6
	1998	15 726		24 809		55		40 590	

(1) Refer to definitions of fishermen categories registered in the section "Symbols and definition of terms used".

(2) This category include autochthonous fishermen, company, fishermen helper and vessels over 65'.

TABLE 37

**NUMBER OF COMMERCIAL FISHERMEN ON THE ATLANTIC COAST
IN 1997 AND 1998, BY ADMINISTRATIVE REGION AND FISHERMEN CATEGORY**

(Preliminaries data)

CATEGORY (1)

REGION (2)	YEAR	Core	Var. in %	Non Core and Fishermen helper	Var. in %	Others (3)	Var. in %	TOTAL	Var. in %
MARITIMES	1997	9 211		13 504		58		22 773	
			-2		-3		-31		-2
	1998	9 019		13 146		40		22 205	
NEWFOUNDLAND	1997	5 382		5 744		-		11 126	
			2		53		-		28
	1998	5 486		8 776		-		14 262	
LAURENTIAN	1997	1 208		3 030		16		4 254	
			1		-5		-6		-3
	1998	1 221		2 887		15		4 123	
TOTAL	1997	15 801		22 278		74		38 153	
			*		11		-26		6
	1998	15 726		24 809		55		40 590	

(1) Refer to definitions of fishermen categories registered in the section "Symbols and definition of terms used".

(2) The administrative regions of DFO have been redefined in 1995.

(3) This category include autochtonous fishermen, company, fishermen helper and vessels over 65'.

TABLE 38

NUMBER OF VESSELS ON THE ATLANTIC COAST
IN 1997 AND 1998, BY PROVINCE AND LENGTH GROUP

(Preliminaries data)

LENGTH

PROVINCE	YEAR	Under 35'	Var. in %	35' to 44'11"	Var. in %	45' to 54'11"	Var. in %	65' to 99'11"	Var. in %	100' and more	Var. in %	TOTAL	Var. in %
NOVA SCOTIA	1997	2 714	-2	2 261	-1	173	-6	23	13	60	-3	5 251	-2
	1998	2 658		2 236		163		26		58		5 141	
NEW BRUNSWICK	1997	1 115	1	1 562		146	-4	39	-8	9	-22	2 871	0
	1998	1 124		1 566		140		36		7		2 873	
PRINCE EDWARD ISLAND	1997	87	-13	1 422	-1	10	-30	-	-	3	-	1 522	-2
	1998	76		1 411		7		-		3		1 497	
NEWFOUNDLAND	1997	10 437	-2	487	8	401	8	9	-	23	-9	11 357	-1
	1998	10 251		528		434		9		21		11 243	
QUEBEC	1997	1 066	-5	410	3	180	3	10	-	11	-9	1 677	-2
	1998	1 013		424		185		10		10		1 642	
TOTAL	1997	15 419	-2	6 142	0	910	2	81	-	106	-7	22 658	-1
	1998	15 122		6 165		929		81		99		22 396	

TABLE 39

NUMBER OF VESSELS ON THE ATLANTIC COAST
IN 1997 AND 1998, BY ADMINISTRATIVE REGION AND LENGTH GROUP
(Preliminaries data)

LENGTH

REGION (1)	YEAR	Under 35'	Var. in %	35' to 44'11"	Var. in %	45' to 64'11"	Var. in %	65' to 99'11"	Var. in %	100' and more	Var. in %	TOTAL	Var. in %
MARITIMES	1997	3 916	-1	5 245	-1	329	-6	62	-	72	-6	9 624	-1
	1998	3 858		5 213		310		62		68		9 511	
NEWFOUNDLAND	1997	10 437	-2	487	8	401	8	9	-	23	-9	11 357	-1
	1998	10 251		528		434		9		21		11 243	
LAURENTIAN	1997	1 066	-5	410	3	180	3	10	-	11	-9	1 677	-2
	1998	1 013		424		185		10		10		1 642	
TOTAL	1997	15 419	-2	6 142	.	910	2	81	-	106	-7	22 658	-1
	1998	15 122		6 165		929		81		99		22 396	

(1) The administrative regions of DFO have been redefined in 1995.

TABLE 40

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN 1997 AND 1998,
ON THE ATLANTIC COAST, BY PROVINCE AND FOR SELECTED SPECIES

(Preliminary data)

SPECIES

PROVINCE	YEAR	Groundfish	Herring	Shrimp	Snow Crabs	Lobsters	Other (1)	TOTAL	Var. in %
NOVA SCOTIA	1997	3 426	2 851	27	261	3 572	14 629	24 766	*
	1998	3 392	2 848	44	268	3 565	14 716	24 833	1
NEW BRUNSWICK	1997	944	1 968	31	81	1 651	8 044	12 719	*
	1998	945	2 043	33	81	1 651	8 001	12 754	-1
PRINCE EDWARD ISLAND	1997	888	1 869	-	30	1 328	10 125	14 240	*
	1998	888	1 898	-	30	1 327	10 139	14 282	*
NEWFOUNDLAND	1997	6 677	3 225	45	769	3 893	14 987	29 596	6
	1998	6 687	3 228	389	2 503	3 857	15 862	32 526	-1
QUEBEC	1997	1 123	1 190	74	297	651	2 662	5 997	-2
	1998	1 119	1 171	55	212	649	2 659	5 864	*
TOTAL	1997	13 058	11 103	177	1 438	11 095	50 447	87 318	115
	1998	13 031	11 188	521	3 094	11 049	51 376	90 259	2

(1) Excluding seal hunting licences.

TABLE 41

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN 1997 AND 1998,
ON THE ATLANTIC COAST, BY ADMINISTRATIVE REGION AND FOR SELECTED SPECIES

(Preliminary data)

SPECIES

REGION (1)	YEAR	Groundfish	Herring	Var. in %	Shrimp	Var. in %	Snow Crabs	Var. in %	Lobsters	Var. in %	Other (2)	Var. in %	TOTAL	Var. in %
MARITIMES	1997	5 258	6 688		58		372		6 551		32 798		51 725	
	1998	5 225	6 789	-1	77	2	379	2	6 543		32 856		51 869	
NEWFOUNDLAND	1997	6 677	3 225		45		769		3 893		14 987		29 596	
	1998	6 687	3 228		389		2 503		3 857	-1	15 862	6	32 526	10
LAURENTIAN	1997	1 123	1 190		74		297		651		2 662		5 997	
	1998	1 119	1 171	-2	55	-26	212	-29	649		2 658		5 864	-2
TOTAL	1997	13 058	11 103		177		1 438		11 095		50 447		87 318	
	1998	13 031	11 188	1	521	194	3 094	115	11 049		51 376	2	90 259	3

(1) The administrative regions of DFO have been redefined in 1995.

(2) Excluding seal hunting licences.

***LANDINGS BY
DFO ADMINISTRATIVE
REGION***

TABLE 42

LANDINGS AND ASSOCIATED VALUES, BY ADMINISTRATIVE REGION IN 1998 (1)

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	NEWFOUNDLAND Quantity	NEWFOUNDLAND Value	SCOTIA FUNDY Quantity/ Value	GULF Quantity	GULF Value	LAURENTIAN Quantity (2)	LAURENTIAN Value (2)	ATLANTIC COAST Quantity	ATLANTIC COAST Value (2)
Cod.....	22 586	34 382	11 732	1 306	1 510	2 092	1 957	37 716	56 327
Haddock.....	249	232	11 523	0	0	0	0	11 772	20 729
Redfish.....	10 235	4 917	15 187	162	196	160	150	25 764	14 337
Atlantic Halibut.....	279	1 501	816	33	193	175	916	1 303	8 628
Plaice.....	6 000	2 939	5 008	2 160	2 288	362	268	13 530	13 523
Greenland Halibut.....	7 744	14 005	1 242	27	42	3 227	5 351	12 241	23 341
White Hake.....	614	425	19 135	262	272	25	13	20 036	15 731
Calfish.....	207	57	319	1	0	2	1	529	202
Other groundfish.....	3 661	1 737	17 379	98	28	208	117	21 346	17 199
Total groundfish.....	51 575	60 195	82 341	4 049	4 530	5 271	8 773	144 236	170 017
Herring.....	22 251	3 380	108 600	53 641	6 760	6 019	1 071	190 511	29 132
Mackerel.....	2 309	840	4 431	8 676	5 051	4 066	2 062	19 482	9 835
Bluefin Tuna.....	38	416	652	116	1 747	-	-	806	11 541
Eels.....	73	415	163	98	492	158	702	491	2 588
Salmon.....	-	-	-	-	-	7	29	7	29
Smelts.....	5	5	11	1 090	1 265	140	112	1 245	1 416
Capelin.....	38 232	9 103	23	776	77	259	30	39 290	9 216
Other pelagic and estuarine species.....	274	840	6 297	4 702	1 162	124	411	11 397	12 890
Total pelagic and estuarine species.....	63 183	14 999	120 177	69 098	18 596	10 771	4 417	263 228	76 645
Quahaugs and Clams.....	17 445	13 215	9 806	2 496	5 403	859	1 025	30 606	28 727
Sea Scallops.....	6 908	11 175	50 161	2 976	6 751	2 711	4 941	62 756	95 163
Lobsters.....	2 365	18 986	17 566	17 729	166 578	3 048	29 491	40 709	437 338
Shrimp.....	59 025	126 401	23 946	4 758	6 986	15 104	23 814	102 833	229 678
Snow Crabs.....	52 642	101 918	2 364	9 877	37 531	10 344	28 647	75 226	175 147
Other mollusc and crustacean.....(2)	2 332	1 837	3 923	18 261	22 529	2 373	1 672	26 890	33 232
Total mollusc and crustacean.....	140 716	273 531	107 766	56 097	245 777	34 440	89 589	339 020	999 286
Other items.....(2)	2 279	4 709	24 429	6 142	1 537	499	277	33 349	14 575
Total.....	257 753	353 434	334 713	135 387	270 439	51 980	103 056	779 833	1 260 523

(1) The administrative regions of DFO have been redefined in 1995. Moreover, the quantities and values presented in this table are preliminaries.

(2) Items like it is the case in the table 11.

COMPARATIVE DATA
INSIDE AND OUTSIDE GULF

TABLE 43

LANDINGS AND ASSOCIATED VALUES INSIDE AND OUTSIDE GULF OF ST-LAWRENCE - 1998

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	INSIDE GULF		OUTSIDE GULF		ATLANTIC COAST		% GULF / ATLANTIC	
	Quantity (1)	Value (1)	Quantity	Value	Quantity	Value	Quantity	Value
Cod.....	6 530	8 402	31 186	47 925	37 716	56 327	17.31	14.92
Haddock.....	3	3	11 768	20 726	11 772	20 729	0.03	0.02
Redfish.....	753	625	25 011	13 712	25 764	14 337	2.92	4.36
Atlantic Halibut.....	344	1 855	959	6 772	1 303	8 628	26.42	21.51
Plaice.....	3 532	3 416	9 998	10 107	13 530	13 523	26.11	25.26
Greenland Halibut.....	5 027	6 237	7 213	15 105	12 241	23 341	41.07	35.29
White Hake.....	300	292	19 735	15 439	20 036	15 731	1.85	1.85
Carfish.....	117	32	411	171	529	202	22.18	15.75
Other groundfish.....	675	275	20 671	16 924	21 346	17 199	3.16	1.60
Total groundfish.....	17 283	23 137	126 954	146 880	144 236	170 017	11.98	13.61
Herring.....	78 420	12 820	112 091	16 312	190 511	29 132	41.16	44.01
Mackerel.....	15 045	7 962	4 437	1 853	19 482	9 835	77.23	81.16
Bluefin Tuna.....	116	1 747	690	9 793	806	11 541	14.35	16.14
Eels.....	277	1 316	215	1 270	491	2 589	56.30	50.92
Salmon.....	7	29	7	29	7	29	100.00	100.00
Smelts.....	1 229	1 377	16	39	1 245	1 416	98.70	97.27
Capelin.....	10 983	2 874	28 307	6 341	39 290	9 216	27.95	31.19
Other pelagic and estuarine species.....	4 865	1 600	6 532	11 269	11 397	12 890	42.69	12.42
Total pelagic and estuarine species.....	110 941	29 748	162 287	46 897	263 228	76 645	42.15	38.81
Quahogs and Clams.....	3 355	6 428	27 251	22 300	30 606	28 727	10.96	22.38
Sea Scallops.....	6 989	13 801	55 767	81 362	62 756	95 163	11.14	14.50
Lobsters.....	21 843	207 917	18 865	229 421	40 709	437 338	53.66	47.84
Shrimp.....	29 028	40 497	73 804	189 181	102 833	229 678	28.23	17.63
Snow Crabs.....	21 300	68 360	53 926	106 787	75 226	175 147	28.32	39.03
Other mollusc and crustacean (1).....	20 636	24 222	6 252	9 010	26 890	33 232	76.76	72.89
Total mollusc and crustacean.....	103 154	361 225	235 866	638 061	339 020	999 286	30.43	36.15
Other items (1).....	7 240	1 815	26 109	12 760	33 349	14 575	21.71	12.45
Total.....	238 618	415 924	541 215	844 599	779 833	1 260 523	30.60	33.00

(1) In order to standardize the data from all administrative regions, the landings and values of Sea Urchins from Laurentian region are recorded with mollusc but not with other items like it is the case in the table 11.

N.B. : The quantities and values presented in this table are preliminaries.

***PRODUCTION AND
MANPOWER IN PLANT***

Plant production data

This section concerns seafood processed in Quebec in 1997 and 1998. In this review, production refers to any processing by a plant or any sale of a product to a merchant who buys directly from fishermen. Most of the enterprises listed here are located in the Gaspé, the Magdalen Islands or on the North Shore. Our data-collection network is concentrated in these three regions, although we did obtain information from a few firms in the Quebec City and Montreal areas.

The volume of the various products listed is based on information provided by each of the processing plants and merchants. Value is calculated on the basis of selling prices for each type of seafood.

Some figures were adjusted if there were discrepancies with the rest of the available data. When making these adjustments, we used the following information as reference points: purchase value of raw material, value of same types of products when processed and, wherever possible, from the same geographic sector, the selling price of the preceding year taking into account variations in prices and inflation.

The data are given for the whole of Quebec and by maritime sector. Note that for reasons of confidentiality, in some cases we have grouped a number of products together.

TABLE 44

QUEBEC PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
COD							
	Fresh						
	Dressed	87.2	149.8	24.5	49.7	-71.9	-66.8
	Fillets	314.2	351.6	36.4	305.0	-88.4	-13.2
	Other	475.7	255.7	163.8	243.1	-65.6	-4.9
	Total	877.1	757.2	224.7	597.9	-74.4	-21.0
	Frozen						
	Fillets	89.8	475.1	224.2	1 782.7	149.7	275.2
	Other	1.6	18.7	0.9	6.6	-45.7	-64.4
	Total	91.4	493.8	225.1	1 789.3	146.2	262.4
	Gaspe cure						
	Hard dried	284.1	3 045.9	185.9	2 192.5	-34.6	-28.0
	Dried	736.2	7 637.6	612.0	6 269.3	-16.9	-17.9
	Total	1 020.3	10 683.5	797.9	8 461.9	-21.8	-20.8
	Heavy salted						
	Total	94.2	446.5	161.0	812.2	70.9	81.9
	Other products						
	Total	7.6	50.6	0.1	1.0	-98.7	-98.0
TOTAL: COD		2 090.6	12 431.5	1 408.7	11 662.3	-32.6	-6.2
REDFISH							
	Fresh						
	Fillets skin on	0.6	4.0	0.8	2.9	17.8	-28.7
	Other	3.0	10.8	10.2	36.1	242.0	234.1
	Total	3.6	14.8	10.9	39.0	202.2	162.8
	Frozen						
	Fillets skin on	0.7	2.9	9.5	41.4	N/A	N/A
	Other	0.3	1.0	74.5	226.3	N/A	N/A
	Total	1.0	3.9	84.0	267.8	N/A	N/A
TOTAL: REDFISH		4.6	18.8	94.9	306.8	N/A	N/A

TABLE 44

QUEBEC PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
ATLANTIC HALIBUT							
	Fresh						
	Total	99.4	867.2	97.9	754.8	-1.5	-13.0
	Frozen						
	Total	12.0	136.5	17.4	142.6	44.8	4.5
TOTAL: ATLANTIC HALIBUT		111.4	1 003.6	115.3	897.5	3.5	-10.6
AMERICAN PLAICE							
	Fresh						
	Round	35.9	35.3	9.7	8.9	-73.0	-74.7
	Fillets	9.4	78.2	6.8	56.7	-27.9	-27.6
	Other	13.3	8.4	14.1	0.5	6.3	-93.6
	Total	58.6	121.9	30.6	66.1	-47.8	-45.7
	Frozen						
	Fillets	66.6	388.4	34.1	242.8	-48.8	-37.5
	Other	15.7	8.6	33.0	49.7	110.7	475.3
	Total	82.3	397.0	67.1	292.4	-18.4	-26.3
TOTAL: AMERICAN PLAICE		140.8	518.9	97.7	358.6	-30.6	-30.9
GREENLAND HALIBUT							
	Fresh						
	Fillets	400.5	2 995.0	446.2	3 454.8	11.4	15.4
	Other	210.6	467.0	89.0	193.1	-57.8	-58.6
	Total	611.2	3 462.1	535.2	3 647.9	-12.4	5.4
	Frozen						
	Total	371.6	2 882.6	707.2	4 735.8	90.3	64.3
	Other products						
	Total	10.9	69.7	16.3	110.5	48.8	58.6
TOTAL: GREENLAND HALIBUT		993.8	6 414.4	1 258.7	8 494.2	26.7	32.4

TABLE 44

QUEBEC PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
WHITE HAKE							
	Fresh						
	Total	35.2	93.6	6.2	5.1	-82.5	-94.5
	Frozen						
	Total	0.0	0.1	0.3	1.1	N/A	N/A
	Other products						
	Total	31.4	87.4	17.5	109.0	-44.4	24.6
TOTAL: WHITE HAKE		66.7	181.1	23.9	115.2	-64.1	-36.4
OTHER GROUND FISH							
	Fresh						
	Total	299.6	240.9	104.7	85.1	-65.1	-64.7
	Frozen						
	Total	560.5	658.3	67.5	109.4	-88.0	-83.4
	Other products						
	Total	29.6	120.1	0.2	1.0	-99.4	-99.2
TOTAL: OTHER GROUND FISH		889.7	1 019.2	172.4	195.5	-80.6	-80.8
GRAND TOTAL: GROUND FISH		4 297.6	21 587.5	3 171.7	22 030.1	-26.2	2.1
HERRING							
	Fresh						
	Total	3 154.7	759.4	2 495.6	812.7	-20.9	7.0
	Frozen						
	Bait	1 404.5	564.2	1 578.9	721.7	12.4	27.9
	Other	479.9	690.7	280.7	465.9	-41.5	-32.5
	Total	1 884.4	1 254.8	1 859.6	1 187.6	-1.3	-5.4
	Other products						
	Total	549.2	1 114.8	1 235.7	1 812.7	125.0	62.6
TOTAL: HERRING		5 588.3	3 129.0	5 590.9	3 813.0	0.0	21.9

TABLE 44

QUEBEC PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
MACKEREL							
	Fresh						
	Total	1 027.6	818.3	897.3	751.9	-12.7	-8.1
	Frozen						
	Barl	2 807.4	2 259.4	2 218.6	2 029.6	-21.0	-10.2
	Other	620.2	808.1	206.9	480.1	-66.6	-40.6
	Total	3 427.6	3 067.5	2 425.5	2 509.7	-29.2	-18.2
	Other products						
	Total	544.3	1 331.0	145.2	343.5	-73.3	-74.2
TOTAL: MACKEREL		4 999.5	5 216.8	3 468.0	3 605.1	-30.6	-30.9
SALMON							
	Total	3.2	18.9	2.3	21.0	-28.5	11.2
TOTAL: SALMON		3.2	18.9	2.3	21.0	-28.5	11.2
OTHER PELAGIC AND ESTUARIAN SPECIES							
	Fresh						
	Total	104.1	43.5	50.0	51.5	-52.0	18.3
	Frozen						
	Total	224.3	797.3	177.3	958.7	-20.9	20.2
	Other products						
	Total	3.2	102.1	1.4	45.2	-57.3	-55.7
TOTAL: OTHER PELAGIC AND ESTUARIAN SPECIES		331.6	943.0	228.7	1 055.4	-31.0	11.9
GRAND TOTAL: PELAGIC AND ESTUARIAN SPECIES		10 922.6	9 307.6	9 289.9	8 494.4	-14.9	-8.7
SEA SCALLOPS							
	Fresh						
	Total	100.3	1 548.2	477.9	4 200.3	378.7	171.3
	Frozen						
	Total	203.9	3 793.9	109.4	2 002.6	-46.3	-47.2
	Other products						
	Total	1.4	7.3	0.6	7.8	-56.2	7.1
TOTAL: SEA SCALLOPS		305.5	5 349.4	587.9	6 210.6	92.4	16.1

TABLE 44

QUEBEC PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
LOBSTER							
Fresh	Total	2 344.9	29 951.9	2 563.8	30 909.3	9.3	3.2
Frozen	Total	147.7	3 004.5	193.3	3 956.7	30.9	31.7
Other products	Total	36.9	534.4	8.1	287.6	-78.1	-46.2
TOTAL: LOBSTER		2 529.5	33 490.9	2 765.1	35 153.7	9.3	5.0
SHRIMP							
Fresh	Meat	138.6	1 646.8	158.2	1 970.2	14.1	19.6
	Other	1 033.4	2 719.2	510.0	1 520.7	-50.7	-44.1
	Total	1 172.0	4 365.9	668.1	3 490.9	-43.0	-20.0
Frozen	Meat	2 951.0	31 491.2	4 093.9	44 631.4	38.7	41.7
	Total	2 951.0	31 491.2	4 093.9	44 631.4	38.7	41.7
TOTAL: SHRIMP		4 123.0	35 857.1	4 762.0	48 122.3	15.5	34.2
CRAB							
Fresh	Round	1 350.1	6 355.4	1 367.5	4 737.6	1.3	-25.5
	Claws and legs	98.9	837.6	668.1	4 161.5	N/A	396.9
	Other	0.7	6.7	26.5	356.6	N/A	N/A
	Total	1 449.7	7 199.7	2 062.1	9 255.7	42.2	28.6
Frozen	Round	1 109.1	9 615.7	468.1	4 716.2	-57.8	-51.0
	Claws and legs	3 370.0	34 424.4	3 908.7	39 802.0	16.0	15.6
	Other	1 744.6	19 750.7	633.8	7 530.7	-63.7	-61.9
	Total	6 223.7	63 790.8	5 010.6	52 048.9	-19.5	-18.4
Other products	Total						
TOTAL: CRAB		7 686.9	71 188.1	7 074.0	61 336.6	-8.0	-13.8

TABLE 44

QUEBEC PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
OTHER MOLLUSC AND CRUSTACEAN							
	Fresh						
	Total	1 051.4	2 305.1	915.7	3 125.5	-12.9	35.6
	Frozen						
	Total	585.6	2 876.1	494.3	7 288.6	-15.6	153.4
	Other products						
	Total	11.6	116.0	7.7	98.1	-33.4	-15.4
TOTAL: OTHER MOLLUSC AND CRUSTACEAN		1 648.6	5 297.2	1 417.8	10 512.2	-14.0	98.4
GRAND TOTAL: MOLLUSC AND CRUSTACEAN		16 293.6	151 162.6	16 606.9	161 335.5	1.9	6.7
OTHER ITEMS							
	Total	11 870.8	58 219.2	11 345.4	68 594.8	-4.4	17.8
GRAND TOTAL: QUEBEC REGION		43 384.5	240 276.9	40 413.8	260 454.9	-6.8	8.4

TABLE 45

GASPÉ PENINSULA PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
COD							
	Fresh						
	Dressed	3.0	11.7	-	-	N/A	N/A
	Fillets	305.0	291.9	7.9	71.8	-97.4	-75.4
	Other	323.3	73.8	59.1	100.1	-81.7	35.6
	Total	631.2	377.4	66.9	171.9	-89.4	-54.5
	Frozen						
	Fillets	20.5	145.2	142.6	954.8	N/A	N/A
	Other	1.6	18.7	0.6	6.1	-66.6	-67.5
	Total	22.1	163.9	143.1	960.9	N/A	486.3
	Gaspe cure						
	Hard dried	284.1	3045.9	185.9	2192.5	-34.6	-28.0
	Dried	736.2	7637.6	612.0	6269.3	-16.9	-17.9
	Total	1020.3	10683.5	797.9	8461.9	-21.8	-20.8
	Heavy salted						
	Total	87.4	425.6	36.9	220.8	-57.8	-48.1
	Other products						
	Total	1.8	9.0	0.1	1.0	-94.2	-88.7
TOTAL: COD		1762.8	11659.4	1044.9	9816.4	-40.7	-15.8
REDFISH							
	Fresh						
	Total	3.0	13.4	3.1	6.2	5.3	-53.5
	Frozen						
	Fillets skin on	0.7	2.9	9.3	41.0	N/A	N/A
	Other	0.3	1.0	2.6	11.8	N/A	N/A
	Total	1.0	3.9	11.9	52.8	N/A	N/A
TOTAL: REDFISH		4.0	17.3	15.0	59.0	278.4	241.7

TABLE 45

GASPÉ PENINSULA PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
ATLANTIC HALIBUT							
	Fresh						
	Total	95.0	824.2	74.4	505.0	-21.7	-38.7
	Frozen						
	Total	6.9	81.7	10.8	79.6	56.2	-2.5
TOTAL: ATLANTIC HALIBUT		101.9	905.9	85.2	584.6	-16.4	-35.5
AMERICAN PLAICE							
	Fresh						
	Round	21.0	14.5	9.2	5.4	-56.1	-62.5
	Fillets	7.9	59.8	5.8	51.0	-26.0	-14.7
	Other	1.2	4.1	10.8	0.0	N/A	-99.9
	Total	30.1	78.4	25.8	56.4	-14.2	-28.0
	Frozen						
	Fillets	10.9	77.8	12.2	84.7	11.7	8.9
	Other	-	-	18.1	30.0	N/A	N/A
	Total	10.9	77.8	30.3	114.7	177.9	47.4
TOTAL: AMERICAN PLAICE		41.0	156.2	56.1	171.1	36.9	9.5
GREENLAND HALIBUT							
	Fresh						
	Fillets	350.1	2591.7	345.9	2610.4	-1.2	0.7
	Other	158.0	294.4	47.9	108.8	-69.7	-63.1
	Total	508.0	2886.1	393.8	2719.2	-22.5	-5.8
	Frozen						
	Total	307.6	2357.9	570.9	3565.8	85.6	51.2
	Other products						
	Total	10.9	69.5	16.0	107.8	46.3	55.2
TOTAL: GREENLAND HALIBUT		826.5	5313.5	980.7	6392.8	18.7	20.3

TABLE 45

GASPÉ PENINSULA PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
WHITE HAKE							
	Fresh						
	Total	35.2	93.6	2.7	4.4	-92.3	-95.3
	Heavy salted						
	Total	2.5	7.7	17.5	109.0	N/A	N/A
	Other products						
	Total	29.0	79.9	0.3	1.1	-99.1	-98.6
TOTAL: WHITE HAKE		66.7	181.1	20.4	114.5	-69.3	-36.8
OTHER GROUND FISH							
	Fresh						
	Total	27.8	69.8	3.9	13.6	-85.9	-80.5
	Frozen						
	Total	13.9	24.3	8.3	19.9	-40.1	-18.2
	Other products						
	Total	29.0	120.1	0.2	1.0	-99.4	-99.2
TOTAL: OTHER GROUND FISH		70.6	214.1	12.4	34.5	-82.5	-83.9
GRAND TOTAL: GROUND FISH		2873.5	18447.4	2214.8	17173.0	-22.9	-6.9
HERRING							
	Fresh						
	Bait	272.1	107.9	324.0	184.6	19.0	71.1
	Other	2240.9	466.5	1469.3	355.5	-34.4	-23.8
	Total	2513.1	574.4	1793.3	540.2	-28.6	-6.0
	Frozen						
	Bait	617.9	266.5	372.2	194.4	-39.8	-27.0
	Other	415.1	617.8	183.7	356.0	-55.7	-42.4
	Total	1033.0	884.1	555.9	550.4	-46.2	-37.7
	Other products						
	Total	52.2	116.4	318.8	131.3	N/A	12.8
TOTAL: HERRING		3598.3	1574.9	2667.9	1221.9	-25.9	-22.4

TABLE 45

GASPÉ PENINSULA PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %		
		Quantity	Value	Quantity	Value	Quantity	Value	
MACKEREL								
	Fresh	Total	560.4	424.9	627.6	556.1	12.0	30.9
	Frozen	Bait	0.7	0.6	199.3	176.2	N/A	N/A
		Other	6.8	6.3	47.1	30.4	N/A	382.7
		Total	7.5	6.9	246.3	206.6	N/A	N/A
	Other products	Total	-	-	-	-	-	-
TOTAL: MACKEREL			567.9	431.8	874.0	762.7	53.9	76.6
OTHER PELAGIC AND ESTUARIAN SPECIES								
	Fresh	Total	20.9	29.6	2.5	16.6	-88.1	-43.8
	Frozen	Total	11.2	41.8	3.0	10.9	-73.5	-73.9
	Other products	Total	0.6	23.2	-	-	N/A	N/A
TOTAL: OTHER PELAGIC AND ESTUARIAN SPECIES			32.7	94.5	5.5	27.5	-83.3	-70.9
GRAND TOTAL: PELAGIC AND ESTUARIAN SPECIES			4198.9	2101.2	3547.4	2012.1	-15.5	-4.2
SEA SCALLOPS								
	Fresh	Meat	38.4	672.1	56.3	931.7	46.7	38.6
		Round	10.1	222.7	163.0	269.5		
		Total	48.5	894.8	219.3	1 201.2	352.4	34.2
	Frozen	Total	3.8	82.9	2.8	47.1	-27.7	-43.1
TOTAL: SEA SCALLOPS			52.3	977.6	222.1	1 248.3	324.5	27.7

TABLE 45

GASPÉ PENINSULA PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
LOBSTER							
	Fresh						
	Round	721.7	8 774.0	979.4	12 305.4	35.7	40.2
	Other	-	-	0.6	5.6	N/A	N/A
	Total	721.7	8 774.0	980.0	12 311.0	35.8	40.3
	Frozen						
	Total	0.5	20.4	-	-	N/A	N/A
TOTAL: LOBSTER		722.2	8 794.4	980.0	12 311.0	35.7	40.0
SHRIMP							
	Fresh						
	Meat	138.6	1 646.8	158.2	1 970.2	14.1	19.6
	Other	140.9	518.4	8.7	18.2	-93.8	-96.5
	Total	279.5	2 165.2	166.9	1 988.5	-40.3	-8.2
	Frozen						
	Meat	2 754.1	29 699.2	3 164.1	35 362.4	14.9	19.1
	Total	2 754.1	29 699.2	3 164.1	35 362.4	14.9	19.1
	Other						
	Total	-	-	0.2	0.4	N/A	N/A
TOTAL: SHRIMP		3 033.6	31 864.3	3 331.2	37 351.4	9.8	17.2
CRAB							
	Fresh						
	Round	968.9	4 386.7	571.5	1 451.1	-41.0	-66.9
	Other	27.2	226.3	27.0	363.2	-0.7	60.5
	Total	996.1	4 613.1	598.5	1 814.3	-39.9	-60.7
	Frozen						
	Claws and legs	848.1	10 726.9	1 573.9	16 638.5	85.6	55.1
	Other	1 915.8	20 674.5	857.6	10 018.6	-55.2	-51.5
	Total	2 763.9	31 401.4	2 431.5	26 657.1	-12.0	-15.1
	Other						
	Total	13.2	163.4	-	-	N/A	N/A
TOTAL: CRAB		3 773.3	36 177.8	3 030.1	28 471.4	-19.7	-21.3

TABLE 45

GASPÉ PENINSULA PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
OTHER MOLLUSC AND CRUSTACEAN							
	Fresh						
	Total	372.8	543.6	428.0	1 181.3	14.8	117.3
	Frozen						
	Total	23.7	220.5	20.5	379.5	-13.6	72.1
	Other products						
	Total	6.0	72.3	1.2	16.3	-79.7	-77.5
TOTAL: OTHER MOLLUSC AND CRUSTACEAN		402.5	836.4	449.7	1 577.0	11.7	88.6
GRAND TOTAL: MOLLUSC AND CRUSTACEAN		7 984.0	78 650.5	8 013.1	80 959.1	0.4	2.9
OTHER ITEMS							
	Total	4.0	5.6	0.6	36.9	-85.1	N/A
GRAND TOTAL: GASPÉ PENINSULA		15 060.4	99 204.7	13 775.8	100 181.1	-8.5	1.0

TABLE 46

NORTH-SHORE PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
COD							
	Fresh						
	Fillets	8.2	54.1	13.9	141.6	69.6	161.8
	Other	169.8	248.9	64.9	111.1	-61.7	-55.4
	Total	178.0	303.0	78.8	252.7	-55.7	-16.6
	Frozen						
	Total	21.7	130.3	10.4	68.6	-52.0	-47.3
	Other products						
	Total	12.6	62.5	97.6	473.4	N/A	N/A
TOTAL: COD		212.3	495.7	186.9	794.7	-12.0	60.3
REDFISH							
	Fresh						
	Total	0.6	1.5	3.9	30.4	498.0	N/A
TOTAL: REDFISH		0.6	1.5	3.9	30.4	498.0	N/A
ATLANTIC HALIBUT							
	Fresh						
	Total	1.7	19.0	16.6	194.7	N/A	N/A
	Frozen						
	Total	3.8	47.4	1.1	16.6	-71.3	-85.0
TOTAL: ATLANTIC HALIBUT		5.4	66.4	17.7	211.3	225.6	218.3

TABLE 46

NORTH-SHORE PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
AMERICAN PLAICE							
	Fresh						
	Total	1.5	17.2	1.5	5.0	-1.3	-70.9
	Frozen						
	Total	-	-	2.9	0.0	N/A	N/A
TOTAL: AMERICAN PLAICE		1.5	17.2	4.3	5.0	189.5	-70.8
GREENLAND HALIBUT							
	Fresh						
	Total	103.1	575.4	101.7	839.4	-1.3	45.9
	Frozen						
	Total	64.1	524.7	136.3	1 170.0	112.7	123.0
	Other products						
	Total	-	-	-	-	-	-
TOTAL: GREENLAND HALIBUT		167.1	1 100.1	238.0	2 009.4	42.4	82.6
OTHER GROUND FISH							
	Fresh						
	Total	4.8	1.3	0.4	0.6	-91.9	-56.3
	Frozen						
	Total	1.9	2.0	-	-	N/A	N/A
	Other						
	Total	0.6	0	-	0	N/A	N/A
TOTAL: OTHER GROUND FISH		7.3	3.3	0.4	0.6	-94.7	-83.2
GRAND TOTAL: GROUND FISH		394.3	1 684.3	451.2	3 051.3	14.4	81.2

TABLE 46

NORTH-SHORE PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
HERRING							
	Fresh						
	Bait	102.2	51.2	175.0	98.5	71.2	92.3
	Other	2.3	0.4	5.7	0.9	151.6	139.4
	Total	104.5	51.6	180.7	99.4	72.9	92.7
	Frozen						
	Total	19.9	2.3	21.4	11.8	7.6	420.6
TOTAL: HERRING		124.4	53.9	202.1	111.2	62.5	106.5
SALMON							
	Fresh						
	Total	1.8	14.6	1.6	13.8	-12.1	-5.2
	Other products						
	Total	1.2	0.5	0.0	0.2	-97.3	-57.8
TOTAL: SALMON		2.9	15.1	1.6	14.0	-45.4	-6.9
OTHER PELAGIC AND ESTUARIAN SPECIES							
	Fresh						
	Total	66.9	3.5	4.5	2.3	-93.2	-32.6
	Frozen						
	Total	150.7	36.1	0.0	0.1	-100.0	-99.8
TOTAL: OTHER PELAGIC AND ESTUARIAN SPECIES		217.5	39.6	4.5	2.4	-97.9	-93.9
GRAND TOTAL: PELAGIC AND ESTUARIAN SPECIES		344.9	108.5	208.3	127.6	-39.6	17.6

TABLE 46

NORTH-SHORE PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
SEA SCALLOPS							
	Fresh						
	Total	19.4	299.7	129.4	2 375.4	N/A	N/A
	Frozen						
	Total	158.9	2 884.6	76.7	1 271.0	-51.7	-55.9
TOTAL: SEA SCALLOPS		178.3	3 184.2	206.1	3 646.4	15.6	14.5
LOBSTER							
	Fresh						
	Round	42.8	513.8	37.5	446.7	-12.5	-13.1
	Other	-	-	2.3	0.9	N/A	N/A
	Total	42.8	513.8	39.8	447.6	-7.2	-12.9
	Other products						
	Total	5.1	218.5	7.0	204.2	37.4	-6.5
TOTAL: LOBSTER		47.9	732.2	46.7	651.8	-2.5	-11.0
SHRIMP							
	Fresh						
	Total	171.8	928.4	154.1	900.6	-10.3	-3.0
	Frozen						
	Total	196.9	1 792.0	929.8	9 269.0	372.3	417.2
TOTAL: SHRIMP		368.6	2 720.4	1 083.9	10 169.5	194.0	273.8

TABLE 46

NORTH-SHORE PLANT PRODUCTION, 1997 AND 1998

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
CRAB							
	Fresh						
	Total	163.3	932.1	919.3	5 240.9	462.9	462.3
	Frozen						
	Claws and legs	1 862.1	16 195.9	1 850.9	18 351.0	-0.6	13.3
	Other	910.6	8 423.5	128.1	953.7	-85.9	-88.7
	Total	2 772.7	24 619.3	1 979.0	19 304.7	-28.6	-21.6
	Other products						
	Total	0.1	3.2	1.4	32.0	S/O	S/O
TOTAL: CRAB		2 936.1	25 554.6	2 899.7	24 577.6	-1.2	-3.8
OTHER MOLLUSC AND CRUSTACEAN							
	Fresh						
	Total	98.5	1 215.8	139.9	1 563.7	42.0	28.6
	Frozen						
	Total	376.8	2 429.9	252.2	1 301.2	-33.1	-46.4
	Other products						
	Total	1.5	21.9	6.3	78.3	323.6	237.4
TOTAL: OTHER MOLLUSC AND CRUSTACEAN		476.8	3 667.6	398.5	2 943.2	-16.4	-19.8
GRAND TOTAL: MOLLUSC AND CRUSTACEAN		4 007.8	35 859.1	4 634.9	41 988.6	15.6	17.1
OTHER ITEMS							
	Total	133.0	292.8	92.0	107.0	-30.8	-63.4
GRAND TOTAL: NORTH-SHORE		4 890.0	37 944.7	5 386.4	48 274.6	10.4	19.3

TABLE 47

MAGDALEN ISLANDS PLANT PRODUCTION, 1997 AND 1998,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
COD							
	Fresh						
	Total	16.3	17.2	28.7	47.7	76.2	177.5
	Frozen						
	Total	47.6	199.7	71.6	759.9	50.4	280.6
	Heavy salted						
	Total	-	-	0.3	2.8	N/A	N/A
TOTAL: COD		63.8	216.8	100.5	810.3	57.5	273.7
REDFISH							
	Fresh						
	Fillets skin on	-	-	-	-	-	-
	Other	-	-	0.5	0.9	N/A	N/A
	Total	-	-	0.5	0.9	N/A	N/A
	Frozen						
	Fillets skin on	-	-	0.2	0.4	N/A	N/A
	Other	-	-	71.9	214.5	N/A	N/A
	Total	-	-	72.1	214.9	N/A	N/A
TOTAL: REDFISH		-	-	72.5	215.8	N/A	N/A
AMERICAN PLAICE							
	Fresh						
	Total	27.0	26.2	3.2	4.6	-88.1	-82.4
	Frozen						
	Total	71.3	319.2	33.9	177.7	-52.5	-44.3
TOTAL: AMERICAN PLAICE		98.4	345.4	37.1	182.3	-62.3	-47.2

TABLE 47

MAGDALEN ISLANDS PLANT PRODUCTION, 1997 AND 1998,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
OTHER GROUND FISH							
	Fresh						
	Total	268.6	183.7	102.2	109.0	-61.9	-40.7
	Frozen						
	Total	546.1	639.4	64.8	135.9	-88.1	-78.7
TOTAL: OTHER GROUND FISH		814.7	823.1	167.0	244.9	-79.5	-70.2
GRAND TOTAL: GROUND FISH		977.0	1 385.4	377.2	1 453.4	-61.4	4.9
HERRING							
	Fresh						
	Total	139.0	34.1	484.6	155.7	248.6	356.4
	Other products						
	Total	1 326.4	1 361.7	2 198.0	2 304.5	65.7	69.2
TOTAL: HERRING		1 465.5	1 395.9	2 682.7	2 460.3	83.1	76.3
MACKEREL							
	Fresh						
	Total	467.2	393.3	269.4	195.6	-42.3	-50.3
	Frozen						
	Total	3 420.1	3 060.7	2 179.1	2 303.1	-36.3	-24.8
	Other products						
	Total	544.3	1 331.0	145.2	343.5	-73.3	-74.2
TOTAL: MACKEREL		4 431.5	4 785.0	2 593.7	2 842.2	-41.5	-40.6
OTHER PELAGIC AND ESTUARIAN SPECIES							
	Fresh						
	Total	11.4	6.2	1.8	1.2	-84.7	-81.5
	Frozen						
	Total	-	-	18.2	34.5	N/A	N/A
TOTAL: OTHER PELAGIC AND ESTUARIAN SPECIES		11.4	6.2	19.9	35.6	74.2	469.9
GRAND TOTAL: PELAGIC AND ESTUARIAN SPECIES		5 908.5	6 187.1	5 296.3	5 338.1	-10.4	-13.7

TABLE 47

MAGDALEN ISLANDS PLANT PRODUCTION, 1997 AND 1998,

BY SPECIES AND PRODUCT TYPE

(Quantity in rounded metric tons)

(Value in thousands of dollars)

SPECIES	PRODUCT	1997		1998		Var. in %	
		Quantity	Value	Quantity	Value	Quantity	Value
SEA SCALLOPS		49.9	981.9	50.0	1 116.4	0.1	13.7
TOTAL: SEA SCALLOPS		49.9	981.9	50.0	1 116.4	0.1	13.7
LOBSTER							
	Fresh						
	Total	1 528.5	20 029.2	1 529.6	17 973.4	0.1	-10.3
	Frozen						
	Total	142.0	2 765.6	186.3	3 752.5	31.2	35.7
	Canned						
	Total	36.9	534.4	8.1	287.6	-78.1	-46.2
TOTAL: LOBSTER		1 707.5	23 329.2	1 724.0	22 013.5	1.0	-5.6
CRAB							
	Frozen						
	Total	658.6	7 467.9	534.5	5 314.5	-18.8	-28.8
	Other products						
	Total	118.3	868.1	72.0	705.5	-39.1	-18.7
TOTAL: CRAB		776.9	8 336.0	606.5	6 020.1	-21.9	-27.8
OTHER MOLLUSC AND CRUSTACEAN							
	Frozen						
	Total	185.1	225.7	221.6	5 607.8	19.7	N/A
	Other products						
	Total	328.7	331.5	305.3	321.1	-7.1	-3.1
TOTAL: OTHER MOLLUSC AND CRUSTACEAN		513.9	557.2	526.9	5 928.9	2.5	N/A
GRAND TOTAL: MOLLUSC AND CRUSTACEAN		3 048.1	33 204.3	2 907.4	35 078.9	-4.6	5.6
OTHER ITEMS							
	Total	66.2	118.7	440.6	270.5	N/A	127.9
GRAND TOTAL: MAGDALEN ISLANDS		9 999.7	40 895.5	9 021.5	42 140.9	-9.8	3.0

Plant workforce data

The number of employees in the 1997-98 statistical review represents the maximum number of people who worked in the same plant over the course of the year (the month with the highest number of employees was used as the yardstick). This method of accounting is based on the following definition of an employee: "An employee is any person working for a definite period for an employer operating an establishment that processes or deals in any seafood product."

The annual employment survey of processing plants is the source of our information on employment. A few plants, however, provided us with employment information over the telephone. In a few rare cases, we made estimates, based on information gathered by DFO staff.

TABLE 48
MANPOWER IN PLANT
IN 1997 AND 1998

SECTOR	YEAR	Maximum number of employees	Net change	Quantity produced in metric tons	Quantity produced in % of total
ST-LAWRENCE AND NON-MARITIME TERRITORY	1997	222	-172	13 444.4	33.3
	1998	50		12 230.1	30.3
NORTH-SHORE	1997	1 413	-186	4 880.0	12.1
	1998	1 227		5 386.4	13.3
GASPÉ PENINSULA	1997	2 209	-508	15 060.4	37.3
	1998	1 701		13 775.8	34.1
MAGDALEN ISLANDS	1997	944	-139	9 999.7	24.7
	1998	805		9 021.5	22.3
TOTAL	1997	4 788	-1 005	43 384.5	100.0
	1998	3 783		40 413.8	100.0

Note: The 1997 North-Shore, St-Lawrence and non-maritime territory manpower in plant are different of the last statistics versions of this revue, because of a firm regrading.

***QUEBEC EXPORTS AND
IMPORTS OF MARINE
PRODUCTS***



Table 49

QUEBEC EXPORTS

	1997		1998	
	Quantity (tm)	Value ('000 \$)	Quantity (tm)	Value ('000 \$)
By country				
United-States	15 326	108 612	13 784	98 376
Europe	1 688	22 061	1 269	16 186
Japon	3 913	38 973	3 178	32 116
Others	1 633	4 744	1 358	3 296
Total	22 560	174 390	19 589	149 975
By products				
Fresh	1 655	15 489	1 618	13 673
Frozen	9 753	88 064	7 544	66 392
Treated ¹	2 310	12 541	2 468	14 412
Canned	132	1 055	54	882
Prepared ²	7 837	56 428	7 284	53 834
Others	873	813	621	781
Total	22 560	174 390	19 589	149 975
By species				
Groundfish	2 357	15 692	2 127	17 081
Pélagic fish	1 928	4 252	2 098	4 522
Mollusc and crustacean	11 768	125 064	8 724	94 856
Freshwater fish	500	4 079	525	4 128
Others	6 007	25 302	6 116	29 388
Total	22 560	174 390	19 589	149 975

¹Include all salt, dried, pickled and smoked products.

²Preparation with more than 20% in weight of fishes, crustaceans, molluscs or others invertebrates. Contain also cooked ready meat.

Source: Statistic Canada, International Market

Compilation: Policy and economics branch, DFO Laurentian region

Table 50

QUEBEC IMPORTS

	1997		1998	
	Quantity (tm)	Value ('000 \$)	Quantity (tm)	Value ('000 \$)
By country				
Thailand	4 916	41 568	2 796	34 603
United-States	9 474	32 112	10 143	40 536
Chine	3 051	12 012	3 232	15 250
Others	9 776	46 479	6 632	42 423
Total	27 216	132 170	22 804	132 812
By products				
Fresh	4 679	24 757	4 580	27 050
Frozen	11 950	78 417	13 442	94 904
Treated ¹	129	510	87	452
Canned	2 491	11 741	739	3 963
Prepared ²	3 317	14 303	735	5 013
Others	4 650	2 442	3 221	1 429
Total	27 216	132 170	22 804	132 812
By species				
Groundfish	6 485	19 524	6 781	25 287
Pelagic Fish	4 571	16 951	1 160	4 231
Molusc and crustacean	7 306	71 024	6 511	72 139
Freshwater fish	722	4 061	1 027	6 998
Others	8 132	20 610	7 325	24 157
Total	27 216	132 170	22 804	132 812

¹ Include all salt, dried, pickled and smoked products.

² Preparation with more than 20% in weight of fishes, crustaceans, molluscs or others invertebrates. Contain also cooked ready meat.

Source: Statistic Canada, International Market

Compilation: Policy and economics branch, DFO Laurentian region

APPENDICES

APPENDIX 1

Boundaries of Quebec maritime statistical districts

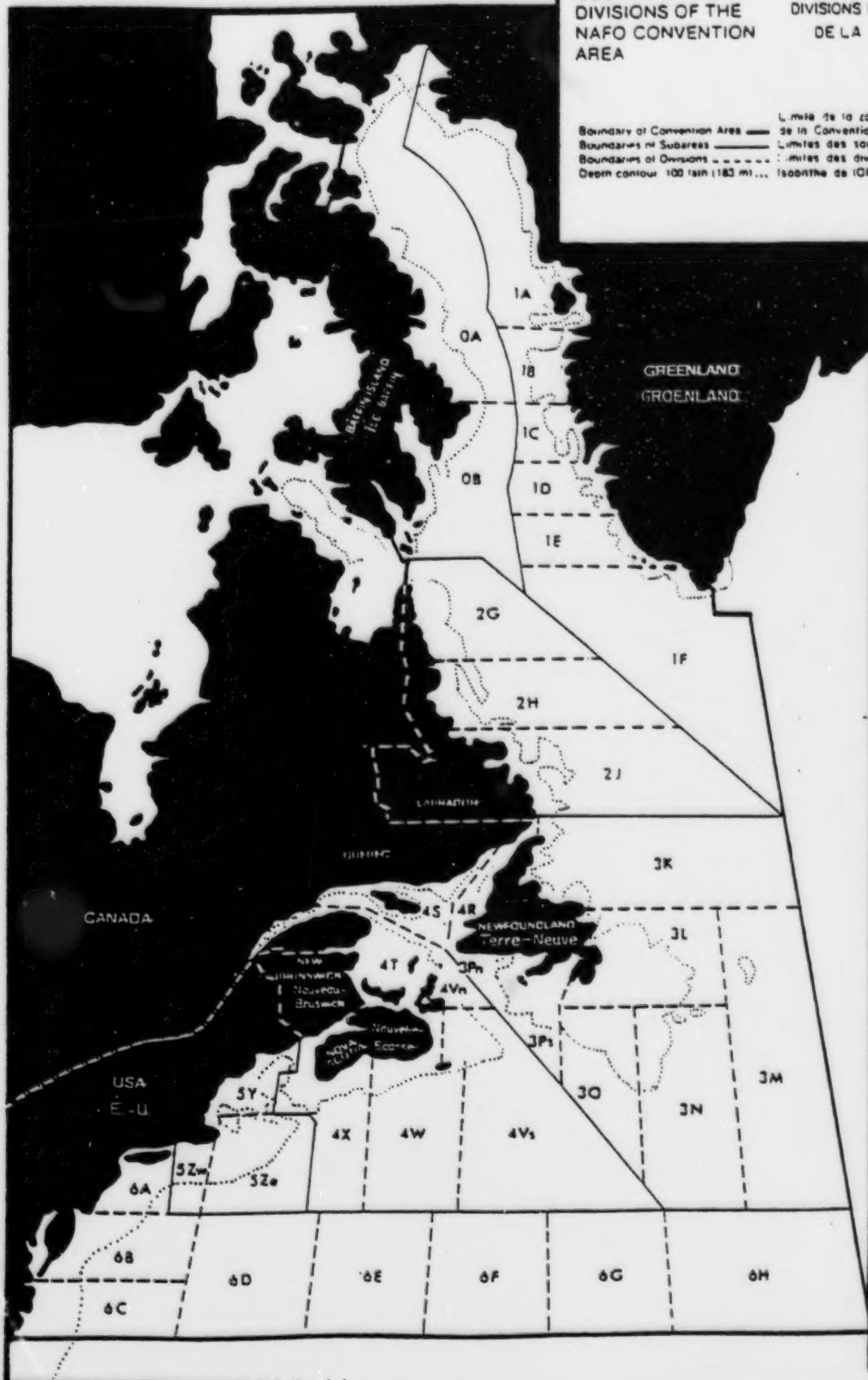
<u>District</u>	<u>Geographic point</u>	<u>Landing point</u>
1	Anse à Gilles to Pointe Rouge	Anse à Gilles to St-Roch des Aulnaies
2	Pointe Rouge to Notre-Dame du Portage	Ste-Anne-de-la-Pocatière to St-André
3	Notre-Dame du Portage to Ste-Luce	Notre-Dame du Portage to Cap-à-l'Orignal
4	Ste-Flavie to eastern boundary of Matane County	Ste-Flavie to Petits Méchins
5	Cap-Chat to Duchesnay	Fonderie to Ruisseau Castor
6	Duchesnay to Saint-Héliér	Ruisseau à Rebours to Anse à Thibault
7	Saint-Héliér to Petite Rivière-au-Renard	Ruisseau à l'ail to Petit Cap
8	Petite Rivière-au-Renard to Cap des Rosiers	Petite Rivière-au-Renard to Cap des Rosiers
9	Cap Gaspé to Pointe St-Pierre	Cap Gaspé to Pointe Navarre
10	Pointe St-Pierre to Brèche à Manon	Malbay to Weygand
11	Brèche à Manon to Pointe Maquereau	Brèche à Manon to Newport
12	Pointe Maquereau to New Carlisle	Pointe Maquereau to Cullens Brooks
13	New Carlisle to Rivière Grande Cascapédia	New Carlisle to St-Siméon ouest
14	Rivière Grande Cascapédia to Pointe Miguasha	Maria to Pointe Bourg
15	Pointe Miguasha to Rivière Restigouche	Miguasha to Matapédia
16	Cap Tourmente to Rivière Saguenay	Petite Rivière St-François to Cap-Brûlé
17	Rivière Saguenay to Bersimis	Ladoussac to Anse à Bouleau
18	Bersimis to Rivière Ste-Marguerite	Bersimis to Iles de May
19	Rivière Ste-Marguerite to Rivière Pigou	Sept-Iles to Malioténam
20	Rivière Pigou to Havre St-Pierre	Rivière-aux-Graines to Rivière Pigou
21	Havre St-Pierre to Rivière Kégaska	Havre St-Pierre to Pointe Parent
22	Rivière Kégaska to Baie des Moutons	Rivière Kégaska to Chevery
23	Baie des Moutons to Bonne Espérance	Baie des Moutons to Rivière St-Paul
24	Bonne Espérance to Blanc Sablon	Bonne Espérance to Iles Demoiselles
25	Ile d'Anticosti	Anticosti
26	Iles-de-la-Madeleine, northern division	Havre-aux-Maisons to Lapointe
27	Ile du Havre Aubert to l'Ile d'Entrée	Havre Aubert to l'Ile d'Entrée
28	Ile de Cap-aux-Meules	Cap-aux-Meules to Cap Vert

NB : The geographic points that mark the boundaries of the statistical districts are shown here with the corresponding points of landing. There are thus two types of boundaries for each district

SUBAREAS AND
DIVISIONS OF THE
NAFO CONVENTION
AREA

SOUS-ZONES ET
DIVISIONS DE LA ZONE
DE LA CONVENTION
DE L'OPANO

Boundary of Convention Area ——— Limite de la zone de la Convention
Boundaries of Subareas ——— Limites des sous zones
Boundaries of Divisions - - - - - Limites des divisions
Depth contour: 100 fath (183 m) ... Isocontour de 100 brasses (183m)



References

Bureau de la Statistique du Québec (BSQ). Statistiques mensuelles des débarquements et de la mise en marché du poisson. Direction des statistiques des entreprises, Ministère des Finances.

Statistical Co-ordinating Committee for the Atlantic Coast (STACAC). STACAC Standards Document No. 1, Glossary and Definitions for Catch and Effort, Licensing, Domestic Quota Monitoring Systems. Ottawa: Communications Directorate, Department of Fisheries and Oceans.

Statistical Co-ordinating Committee for the Atlantic Coast (STACAC). STACAC Standards Document No. 2, Standard Groundfish Conversion Factors. Ottawa: Communications Directorate, Department of Fisheries and Oceans.

Statistical Co-ordinating Committee for the Atlantic Coast (STACAC). An Integrated Statistical and Information System for the Atlantic Coast Fishery. Ottawa: Communications Directorate, Department of Fisheries and Oceans.

Weekly reports on Atlantic quotas. Ottawa: Fisheries Operations, Department of Fisheries and Oceans.

Regular reports from the statistical system. Quebec: Statistics Division, Economic Services and Data Processing, Department of Fisheries and Oceans, Quebec Region.